

NeTA

Generated by Doxygen 1.8.16



<b>1 Namespace Index</b>	<b>1</b>
1.1 Namespace List	1
<b>2 Hierarchical Index</b>	<b>3</b>
2.1 Class Hierarchy	3
<b>3 Class Index</b>	<b>5</b>
3.1 Class List	5
<b>4 File Index</b>	<b>7</b>
4.1 File List	7
<b>5 Namespace Documentation</b>	<b>9</b>
5.1 Package com	9
5.2 Package com.example	9
5.3 Package com.example.splitfare	9
<b>6 Class Documentation</b>	<b>11</b>
6.1 com.example.splitfare.AddpostaActivity Class Reference	11
6.1.1 Detailed Description	12
6.1.2 Member Function Documentation	12
6.1.2.1 onBackPressed()	12
6.1.2.2 onCreate()	12
6.1.3 Member Data Documentation	13
6.1.3.1 btnaddPost	13
6.1.3.2 btnDate	13
6.1.3.3 btnTime	13
6.1.3.4 cal	13
6.1.3.5 curHour	13
6.1.3.6 curMin	13
6.1.3.7 databaseposts	14
6.1.3.8 Date	14
6.1.3.9 destination	14
6.1.3.10 mDateSetListener	14
6.1.3.11 Mobile	14
6.1.3.12 MoT	14
6.1.3.13 name	14
6.1.3.14 persons	15
6.1.3.15 post	15
6.1.3.16 source	15
6.1.3.17 Time	15
6.1.3.18 toolbar	15
6.1.3.19 user	15
6.2 com.example.splitfare.Comment Class Reference	16

6.2.1 Detailed Description	17
6.2.2 Member Function Documentation	17
6.2.2.1 onBackPressed()	17
6.2.2.2 onCreate()	17
6.2.3 Member Data Documentation	18
6.2.3.1 comm	18
6.2.3.2 commadapter	18
6.2.3.3 commentlist	18
6.2.3.4 commlv	18
6.2.3.5 databaseposts	18
6.2.3.6 date	18
6.2.3.7 dest	19
6.2.3.8 mob	19
6.2.3.9 mot	19
6.2.3.10 name	19
6.2.3.11 nop	19
6.2.3.12 reply	19
6.2.3.13 source	19
6.2.3.14 time	20
6.2.3.15 toolbar	20
6.2.3.16 uid	20
6.2.3.17 user	20
6.3 com.example.splitfare.Home Class Reference	20
6.3.1 Detailed Description	21
6.3.2 Member Function Documentation	21
6.3.2.1 onBackPressed()	21
6.3.2.2 onCreate()	21
6.3.2.3 onNavigationItemSelected()	22
6.3.2.4 onStart()	22
6.3.3 Member Data Documentation	22
6.3.3.1 curuser	22
6.3.3.2 databaseposts	22
6.3.3.3 databaseusers	22
6.3.3.4 drawerLayout	22
6.3.3.5 listViewPosts	22
6.3.3.6 mAuthStateListener	23
6.3.3.7 mFirebaseAuth	23
6.3.3.8 navigationView	23
6.3.3.9 posts	23
6.3.3.10 toolbar	23
6.3.3.11 users	23
6.4 com.example.splitfare.LoginActivity Class Reference	23

6.4.1 Detailed Description	24
6.4.2 Member Function Documentation	24
6.4.2.1 onBackPressed()	24
6.4.2.2 onCreate()	24
6.4.2.3 onStart()	25
6.4.3 Member Data Documentation	25
6.4.3.1 btnSignIn	25
6.4.3.2 emailId	25
6.4.3.3 mAuthStateListener	25
6.4.3.4 mFirebaseAuth	25
6.4.3.5 password	25
6.4.3.6 tvSignUp	25
6.5 com.example.splitfare.MainActivity Class Reference	26
6.5.1 Detailed Description	26
6.5.2 Member Function Documentation	26
6.5.2.1 onBackPressed()	26
6.5.2.2 onCreate()	27
6.5.3 Member Data Documentation	27
6.5.3.1 btnSignUp	27
6.5.3.2 databaseposts	27
6.5.3.3 emailId	27
6.5.3.4 mFirebaseAuth	27
6.5.3.5 password	27
6.5.3.6 tvSignIn	27
6.5.3.7 uid	28
6.5.3.8 user	28
6.6 com.example.splitfare.myposts Class Reference	28
6.6.1 Detailed Description	28
6.6.2 Member Function Documentation	29
6.6.2.1 onBackPressed()	29
6.6.2.2 onCreate()	29
6.6.3 Member Data Documentation	29
6.6.3.1 curuser	29
6.6.3.2 databasemyposts	29
6.6.3.3 listViewmyPosts	29
6.6.3.4 my_posts	29
6.6.3.5 toolbar	30
6.7 com.example.splitfare.Post Class Reference	30
6.7.1 Detailed Description	31
6.7.2 Constructor & Destructor Documentation	31
6.7.2.1 Post()	31
6.7.3 Member Function Documentation	31

---

6.7.3.1 getDate()	31
6.7.3.2 getDestination()	31
6.7.3.3 getID()	32
6.7.3.4 getList()	32
6.7.3.5 getMobile()	32
6.7.3.6 getMoT()	32
6.7.3.7 getName()	32
6.7.3.8 getPersons()	32
6.7.3.9 getPid()	32
6.7.3.10 getSource()	33
6.7.3.11 getTime()	33
6.7.3.12 getUid()	33
6.7.3.13 getUseremail()	33
6.7.3.14 setDate()	33
6.7.3.15 setDestination()	33
6.7.3.16 setID()	33
6.7.3.17 setlist()	34
6.7.3.18 setMobile()	34
6.7.3.19 setMoT()	34
6.7.3.20 setName()	34
6.7.3.21 setPersons()	34
6.7.3.22 setPid()	34
6.7.3.23 setSource()	34
6.7.3.24 setTime()	35
6.7.3.25 setUid()	35
6.7.3.26 setUseremail()	35
6.7.4 Member Data Documentation	35
6.7.4.1 comments	35
6.7.4.2 Date	35
6.7.4.3 destination	35
6.7.4.4 Mobile	35
6.7.4.5 MoT	36
6.7.4.6 name	36
6.7.4.7 persons	36
6.7.4.8 Pid	36
6.7.4.9 source	36
6.7.4.10 Time	36
6.7.4.11 Uid	36
6.7.4.12 useremail	37
6.8 com.example.splitfare.PostList Class Reference	37
6.8.1 Detailed Description	37
6.8.2 Constructor & Destructor Documentation	37

---

6.8.2.1 PostList()	38
6.8.3 Member Function Documentation	38
6.8.3.1 getView()	38
6.8.4 Member Data Documentation	38
6.8.4.1 bclr	38
6.8.4.2 context	38
6.8.4.3 count	38
6.8.4.4 posts	38
6.8.4.5 tclr	38
<b>7 File Documentation</b>	<b>39</b>
7.1 AddpostaActivity.java File Reference	39
7.2 Comment.java File Reference	39
7.3 Home.java File Reference	39
7.4 LoginActivity.java File Reference	40
7.5 MainActivity.java File Reference	40
7.6 myposts.java File Reference	40
7.7 Post.java File Reference	40
7.8 PostList.java File Reference	40
<b>Index</b>	<b>41</b>





# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

<a href="#">com</a> . . . . .	9
<a href="#">com.example</a> . . . . .	9
<a href="#">com.example.splitfare</a> . . . . .	9



## Chapter 2

# Hierarchical Index

### 2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

OnNavigationItemSelectedListener	
com.example.splitfare.Home . . . . .	20
AppCompatActivity	
com.example.splitfare.AddpostaActivity . . . . .	11
com.example.splitfare.Comment . . . . .	16
com.example.splitfare.Home . . . . .	20
com.example.splitfare.LoginActivity . . . . .	23
com.example.splitfare.MainActivity . . . . .	26
com.example.splitfare.myposts . . . . .	28
ArrayAdapter	
com.example.splitfare.PostList . . . . .	37
Serializable	
com.example.splitfare.Post . . . . .	30



## Chapter 3

# Class Index

### 3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">com.example.splitfare.AddpostaActivity</a>	11
<a href="#">com.example.splitfare.Comment</a>	16
<a href="#">com.example.splitfare.Home</a>	20
<a href="#">com.example.splitfare.LoginActivity</a>	23
<a href="#">com.example.splitfare.MainActivity</a>	26
<a href="#">com.example.splitfare.myposts</a>	28
<a href="#">com.example.splitfare.Post</a>	30
<a href="#">com.example.splitfare.PostList</a>	37



## Chapter 4

# File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

<a href="#">AddpostaActivity.java</a>	39
<a href="#">Comment.java</a>	39
<a href="#">Home.java</a>	39
<a href="#">LoginActivity.java</a>	40
<a href="#">MainActivity.java</a>	40
<a href="#">myposts.java</a>	40
<a href="#">Post.java</a>	40
<a href="#">PostList.java</a>	40





## Chapter 5

# Namespace Documentation

### 5.1 Package com

#### Packages

- package [example](#)

### 5.2 Package com.example

#### Packages

- package [splitfare](#)

### 5.3 Package com.example.splitfare

#### Classes

- class [AddpostaActivity](#)
- class [Comment](#)
- class [Home](#)
- class [LoginActivity](#)
- class [MainActivity](#)
- class [myposts](#)
- class [Post](#)
- class [PostList](#)

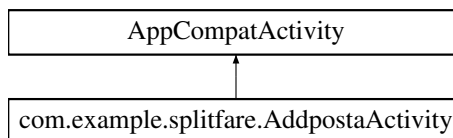


## Chapter 6

# Class Documentation

### 6.1 com.example.splitfare.AddpostaActivity Class Reference

Inheritance diagram for com.example.splitfare.AddpostaActivity:



#### Public Member Functions

- void [onBackPressed](#) ()  
*Method defining Action to be taken when back button is pressed.*

#### Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)  
*OnCreate method is the first method that executes when a activity is opened.*

#### Package Attributes

- EditText [source](#)
- EditText [destination](#)
- EditText [MoT](#)
- EditText [persons](#)
- EditText [Mobile](#)
- Button [btnDate](#)
- Button [btnTime](#)
- String [Time](#)
- Calendar [cal](#)  
*Calendar Variable to get Date.*
- int [curHour](#)  
*curHour and curMin are to store values of hours and minutes*
- int [curMin](#)
- Toolbar [toolbar](#)  
*Toolbar variable to display toolbar at top.*
- FirebaseUser [user](#)  
*Fiberbase user variable to extract information about user.*

## Private Attributes

- EditText [name](#)  
*EditText variables for storing name,source,destination,mode of transport,mobile number of user.*
- Button [btnaddPost](#)  
*Button variable to listen to Addpost,Set Time and Set Date events.*
- String [Date](#)  
*Strings to store date and time values.*
- DatabaseReference [databaseposts](#)  
*Database Reference to add posts of users.*
- DatePickerDialog.OnDateSetListener [mDateSetListener](#)  
*Date Picker event listener.*
- [Post](#) [post](#)  
*Object of class post.*

### 6.1.1 Detailed Description

Class defining the Add [Post](#) Activity This activity is invoked when user wants to add post In this Activity we are taking input from user and storing the posted information onto the database

### 6.1.2 Member Function Documentation

#### 6.1.2.1 onBackPressed()

```
void com.example.splitfare.AddpostaActivity.onBackPressed ( ) [inline]
```

Method defining Action to be taken when back button is pressed.

#### 6.1.2.2 onCreate()

```
void com.example.splitfare.AddpostaActivity.onCreate (
    Bundle savedInstanceState ) [inline], [protected]
```

OnCreate method is the first method that executes when a activity is opened.

Setting layout for the activity

Setting Toolbar layout and back button for it

Assiging id elements to all the variables mentioned above

Getting posts instance from the firebase database

OnClick listener for Setting Date

OnClick listener for Setting Time

OnCLick lisener for storing a post to database

### 6.1.3 Member Data Documentation

#### 6.1.3.1 btnaddPost

`Button com.example.splitfare.AddpostaActivity.btnaddPost [private]`

Button variable to listen to Addpost,Set Time and Set Date events.

#### 6.1.3.2 btnDate

`Button com.example.splitfare.AddpostaActivity.btnDate [package]`

#### 6.1.3.3 btnTime

`Button com.example.splitfare.AddpostaActivity.btnTime [package]`

#### 6.1.3.4 cal

`Calendar com.example.splitfare.AddpostaActivity.cal [package]`

Calendar Variable to get Date.

#### 6.1.3.5 curHour

`int com.example.splitfare.AddpostaActivity.curHour [package]`

curHour and curMin are to store values of hours and minutes

#### 6.1.3.6 curMin

`int com.example.splitfare.AddpostaActivity.curMin [package]`

#### 6.1.3.7 databaseposts

```
DatabaseReference com.example.splitfare.AddpostaActivity.databaseposts [private]
```

Database Reference to add posts of users.

#### 6.1.3.8 Date

```
String com.example.splitfare.AddpostaActivity.Date [private]
```

Strings to store date and time values.

#### 6.1.3.9 destination

```
EditText com.example.splitfare.AddpostaActivity.destination [package]
```

#### 6.1.3.10 mDateSetListener

```
DatePickerDialog.OnDateSetListener com.example.splitfare.AddpostaActivity.mDateSetListener  
[private]
```

Date Picker event listener.

#### 6.1.3.11 Mobile

```
EditText com.example.splitfare.AddpostaActivity.Mobile [package]
```

#### 6.1.3.12 MoT

```
EditText com.example.splitfare.AddpostaActivity.MoT [package]
```

#### 6.1.3.13 name

```
EditText com.example.splitfare.AddpostaActivity.name [private]
```

EditText variables for storing name,source,destination,mode of transport,mobile number of user.

#### 6.1.3.14 persons

`EditText com.example.splitfare.AddpostaActivity.persons` [package]

#### 6.1.3.15 post

`Post com.example.splitfare.AddpostaActivity.post` [private]

Object of class post.

#### 6.1.3.16 source

`EditText com.example.splitfare.AddpostaActivity.source` [package]

#### 6.1.3.17 Time

`String com.example.splitfare.AddpostaActivity.Time` [package]

#### 6.1.3.18 toolbar

`Toolbar com.example.splitfare.AddpostaActivity.toolbar` [package]

Toolbar variable to display toolbar at top.

#### 6.1.3.19 user

`FirebaseUser com.example.splitfare.AddpostaActivity.user` [package]

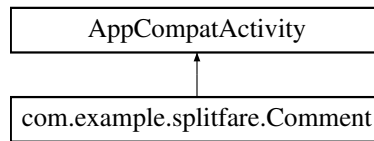
Fiberbase user variable to extract information about user.

The documentation for this class was generated from the following file:

- [AddpostaActivity.java](#)

## 6.2 com.example.splitfare.Comment Class Reference

Inheritance diagram for com.example.splitfare.Comment:



### Public Member Functions

- void [onBackPressed](#) ()  
*Method defining Action to be taken when back button is pressed.*

### Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)  
*OnCreate method is the first method that executes when a activity is opened.*

### Package Attributes

- TextView [name](#)  
*TextView variables for storing name,source,destination,mode of transport,mobile number of user.*
- TextView [source](#)
- TextView [dest](#)
- TextView [mot](#)
- TextView [nop](#)
- TextView [mob](#)
- TextView [date](#)
- TextView [time](#)
- TextView [uid](#)
- Button [comm](#)  
*Button variable for listening when user enters a comment.*
- EditText [reply](#)  
*EditText variable for user to enter the reply.*
- ArrayList< String > [commentlist](#)  
*ArrayList which stores all comments on a particular post.*
- ArrayAdapter< String > [commadapter](#)  
*ArrayAdapter which is used to display comments in ListView.*
- ListView [commllv](#)  
*ListView to display the comments of users.*
- FirebaseUser [user](#)  
*Fiberbase user variable to extract information about user.*
- Toolbar [toolbar](#)  
*Toolbar variable to display toolbar at top.*



## Private Attributes

- DatabaseReference [databaseposts](#)

*Database variable for storing Firebase Database Reference.*

### 6.2.1 Detailed Description

This class defines what has to be done when user enters a comment to a post This activity is invoked when user clicks to open a particular post User replies to a post will be stored on to the database

### 6.2.2 Member Function Documentation

#### 6.2.2.1 onBackPressed()

```
void com.example.splitfare.Comment.onBackPressed ( ) [inline]
```

Method defining Action to be taken when back button is pressed.

#### 6.2.2.2 onCreate()

```
void com.example.splitfare.Comment.onCreate (
    Bundle savedInstanceState ) [inline], [protected]
```

OnCreate method is the first method that executes when a activity is opened.

Setting layout for the activity

Setting Toolbar layout and back button for it

Extracting the post object which has been passed to this activity

Assigning id elements to all the variables mentioned above

Getting posts instance from the firebase database

Changing values of all editText Variables

Getting the list of comments for this particular post

Setting adapter for listview

Dispalying updated values in the listView

OnClick Listener for taking action when user enters the comment

## 6.2.3 Member Data Documentation

### 6.2.3.1 comm

`Button com.example.splitfare.Comment.comm [package]`

Button variable for listening when user enters a comment.

### 6.2.3.2 commadapter

`ArrayAdapter<String> com.example.splitfare.Comment.commadapter [package]`

ArrayAdapter which is used to display comments in ListView.

### 6.2.3.3 commentlist

`ArrayList<String> com.example.splitfare.Comment.commentlist [package]`

ArrayList which stores all comments on a particular post.

### 6.2.3.4 commlv

`ListView com.example.splitfare.Comment.commlv [package]`

ListView to display the comments of users.

### 6.2.3.5 databaseposts

`DatabaseReference com.example.splitfare.Comment.databaseposts [private]`

Database variable for storing Firebase Database Reference.

### 6.2.3.6 date

`TextView com.example.splitfare.Comment.date [package]`

### 6.2.3.7 dest

`TextView com.example.splitfare.Comment.dest [package]`

### 6.2.3.8 mob

`TextView com.example.splitfare.Comment.mob [package]`

### 6.2.3.9 mot

`TextView com.example.splitfare.Comment.mot [package]`

### 6.2.3.10 name

`TextView com.example.splitfare.Comment.name [package]`

TextView variables for storing name,source,destination,mode of transport,mobile number of user.

### 6.2.3.11 nop

`TextView com.example.splitfare.Comment.nop [package]`

### 6.2.3.12 reply

`EditText com.example.splitfare.Comment.reply [package]`

EditText variable for user to enter the reply.

### 6.2.3.13 source

`TextView com.example.splitfare.Comment.source [package]`

#### 6.2.3.14 time

`TextView com.example.splitfare.Comment.time` [package]

#### 6.2.3.15 toolbar

`Toolbar com.example.splitfare.Comment.toolbar` [package]

Toolbar variable to display toolbar at top.

#### 6.2.3.16 uid

`TextView com.example.splitfare.Comment.uid` [package]

#### 6.2.3.17 user

`FirebaseUser com.example.splitfare.Comment.user` [package]

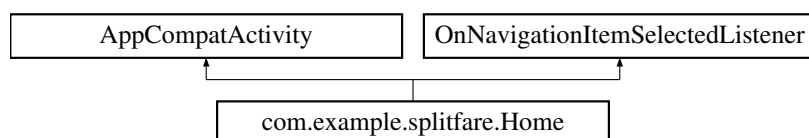
Fiberbase user variable to extract information about user.

The documentation for this class was generated from the following file:

- [Comment.java](#)

## 6.3 com.example.splitfare.Home Class Reference

Inheritance diagram for com.example.splitfare.Home:



### Public Member Functions

- boolean [onNavigationItemSelectedListener](#) (@NonNull MenuItem menuItem)
- void [onBackPressed](#) ()

*Method defining Action to be taken when back button is pressed.*

## Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)
- void [onStart](#) ()

## Package Attributes

- ListView [listViewPosts](#)
- DatabaseReference [databaseposts](#)
- DatabaseReference [databaseusers](#)
- List< [Post](#) > [posts](#)
- List< String > [users](#)
- DrawerLayout [drawerLayout](#)
- NavigationView [navigationView](#)
- Toolbar [toolbar](#)
- FirebaseAuth [curuser](#)

## Private Attributes

- FirebaseAuth.AuthStateListener [mAuthStateListener](#)
- FirebaseAuth [mFirebaseAuth](#)

### 6.3.1 Detailed Description

This class defines the [Home](#) Activity This Activity consists of all posts done by other users This activity contains navigation drawer to go to addposts,logout and my posts activities

### 6.3.2 Member Function Documentation

#### 6.3.2.1 onBackPressed()

```
void com.example.splitfare.Home.onBackPressed ( ) [inline]
```

Method defining Action to be taken when back button is pressed.

#### 6.3.2.2 onCreate()

```
void com.example.splitfare.Home.onCreate (
    Bundle savedInstanceState ) [inline], [protected]
```

This method runs when the activity starts It takes care of toolbar,navigation drawer and listviews

### 6.3.2.3 onNavigationItemSelected()

```
boolean com.example.splitfare.Home.onNavigationItemSelected (
    @NonNull MenuItem menuItem ) [inline]
```

This method is used to listen for Navigation drawer items It gives onclick listeners for all the items present in navigation drawer

### 6.3.2.4 onStart()

```
void com.example.splitfare.Home.onStart ( ) [inline], [protected]
```

This Method is called when the activity actually starts running This takes care of displaying all posts of other users

## 6.3.3 Member Data Documentation

### 6.3.3.1 curuser

```
FirebaseUser com.example.splitfare.Home.curuser [package]
```

### 6.3.3.2 databaseposts

```
DatabaseReference com.example.splitfare.Home.databaseposts [package]
```

### 6.3.3.3 databaseusers

```
DatabaseReference com.example.splitfare.Home.databaseusers [package]
```

### 6.3.3.4 drawerLayout

```
DrawerLayout com.example.splitfare.Home.drawerLayout [package]
```

### 6.3.3.5 listViewPosts

```
ListView com.example.splitfare.Home.listViewPosts [package]
```

### 6.3.3.6 mAuthStateListener

`FirebaseAuth.AuthStateListener com.example.splitfare.Home.mAuthStateListener [private]`

### 6.3.3.7 mFirebaseAuth

`FirebaseAuth com.example.splitfare.Home.mFirebaseAuth [private]`

### 6.3.3.8 navigationView

`NavigationView com.example.splitfare.Home.navigationView [package]`

### 6.3.3.9 posts

`List<Post> com.example.splitfare.Home.posts [package]`

### 6.3.3.10 toolbar

`Toolbar com.example.splitfare.Home.toolbar [package]`

### 6.3.3.11 users

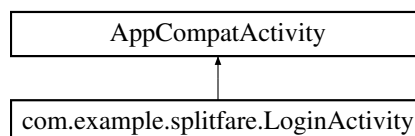
`List<String> com.example.splitfare.Home.users [package]`

The documentation for this class was generated from the following file:

- [Home.java](#)

## 6.4 com.example.splitfare.LoginActivity Class Reference

Inheritance diagram for com.example.splitfare.LoginActivity:



## Public Member Functions

- void [onBackPressed](#) ()  
*Method defining Action to be taken when back button is pressed.*

## Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)
- void [onStart](#) ()

## Package Attributes

- EditText [emailId](#)
- EditText [password](#)
- Button [btnSignIn](#)
- TextView [tvSignUp](#)
- FirebaseAuth [mFirebaseAuth](#)

## Private Attributes

- FirebaseAuth.AuthStateListener [mAuthStateListener](#)

### 6.4.1 Detailed Description

This class defines the Login AActivity Login activity helps registered users to sign in to the app

### 6.4.2 Member Function Documentation

#### 6.4.2.1 onBackPressed()

```
void com.example.splitfare.LoginActivity.onBackPressed ( ) [inline]
```

Method defining Action to be taken when back button is pressed.

#### 6.4.2.2 onCreate()

```
void com.example.splitfare.LoginActivity.onCreate (
    Bundle savedInstanceState ) [inline], [protected]
```

This activity is invoked when Activity is created It takes care of initialising all id elements in the activity OnClick listener for login function



### 6.4.2.3 onStart()

```
void com.example.splitfare.LoginActivity.onStart ( ) [inline], [protected]
```

This activity is invoked when the acitivity starts Checks for users login

## 6.4.3 Member Data Documentation

### 6.4.3.1 btnSignIn

```
Button com.example.splitfare.LoginActivity.btnSignIn [package]
```

### 6.4.3.2 emailId

```
EditText com.example.splitfare.LoginActivity.emailId [package]
```

### 6.4.3.3 mAuthStateListener

```
FirebaseAuth.AuthStateListener com.example.splitfare.LoginActivity.mAuthStateListener [private]
```

### 6.4.3.4 mFirebaseAuth

```
FirebaseAuth com.example.splitfare.LoginActivity.mFirebaseAuth [package]
```

### 6.4.3.5 password

```
EditText com.example.splitfare.LoginActivity.password [package]
```

### 6.4.3.6 tvSignUp

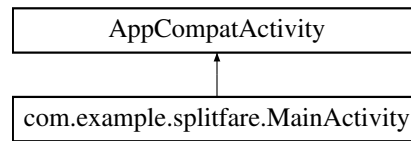
```
TextView com.example.splitfare.LoginActivity.tvSignUp [package]
```

The documentation for this class was generated from the following file:

- [LoginActivity.java](#)

## 6.5 com.example.splitfare.MainActivity Class Reference

Inheritance diagram for com.example.splitfare.MainActivity:



### Public Member Functions

- void [onBackPressed](#) ()  
*Method defining Action to be taken when back button is pressed.*

### Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)

### Package Attributes

- EditText [emailId](#)
- EditText [password](#)
- Button [btnSignUp](#)
- TextView [tvSignIn](#)
- FirebaseAuth [mFirebaseAuth](#)
- FirebaseUser [user](#)
- String [uid](#)
- DatabaseReference [databaseposts](#)

### 6.5.1 Detailed Description

This class is defining the Signup activity This activity enables users to register themselves to the application

### 6.5.2 Member Function Documentation

#### 6.5.2.1 onBackPressed()

```
void com.example.splitfare.MainActivity.onBackPressed ( ) [inline]
```

Method defining Action to be taken when back button is pressed.

### 6.5.2.2 onCreate()

```
void com.example.splitfare.MainActivity.onCreate (
    Bundle savedInstanceState ) [inline], [protected]
```

This method is started on activity created This activity is used to initialise all variables and signup the user

## 6.5.3 Member Data Documentation

### 6.5.3.1 btnSignUp

```
Button com.example.splitfare.MainActivity.btnSignUp [package]
```

### 6.5.3.2 databaseposts

```
DatabaseReference com.example.splitfare.MainActivity.databaseposts [package]
```

### 6.5.3.3 emailId

```
EditText com.example.splitfare.MainActivity.emailId [package]
```

### 6.5.3.4 mFirebaseAuth

```
FirebaseAuth com.example.splitfare.MainActivity.mFirebaseAuth [package]
```

### 6.5.3.5 password

```
EditText com.example.splitfare.MainActivity.password [package]
```

### 6.5.3.6 tvSignIn

```
TextView com.example.splitfare.MainActivity.tvSignIn [package]
```

### 6.5.3.7 uid

```
String com.example.splitfare.MainActivity.uid [package]
```

### 6.5.3.8 user

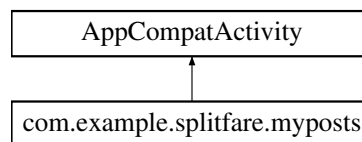
```
FirebaseUser com.example.splitfare.MainActivity.user [package]
```

The documentation for this class was generated from the following file:

- [MainActivity.java](#)

## 6.6 com.example.splitfare.myposts Class Reference

Inheritance diagram for com.example.splitfare.myposts:



### Public Member Functions

- void [onBackPressed](#) ()  
*Method defining Action to be taken when back button is pressed.*

### Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)  
*This method takes care of sending post object to [PostList](#) helper class so that it can print values in listView.*

### Package Attributes

- List< [Post](#) > [my\\_posts](#)
- ListView [listViewmyPosts](#)
- DatabaseReference [databasemyposts](#)
- FirebaseUser [curuser](#)
- Toolbar [toolbar](#)

### 6.6.1 Detailed Description

Posts class is used for defining myPosts activity This activity is used to show user his/her own posts From this activity user can check comments on his/her posts

## 6.6.2 Member Function Documentation

### 6.6.2.1 onBackPressed()

```
void com.example.splitfare.myposts.onBackPressed ( ) [inline]
```

Method defining Action to be taken when back button is pressed.

### 6.6.2.2 onCreate()

```
void com.example.splitfare.myposts.onCreate (
    Bundle savedInstanceState ) [inline], [protected]
```

This method takes care of sending post object to [PostList](#) helper class so that it can print values in listView.

## 6.6.3 Member Data Documentation

### 6.6.3.1 curuser

```
FirebaseUser com.example.splitfare.myposts.curuser [package]
```

### 6.6.3.2 databasemyposts

```
DatabaseReference com.example.splitfare.myposts.databasemyposts [package]
```

### 6.6.3.3 listViewmyPosts

```
ListView com.example.splitfare.myposts.listViewmyPosts [package]
```

### 6.6.3.4 my\_posts

```
List<Post> com.example.splitfare.myposts.my_posts [package]
```

### 6.6.3.5 toolbar

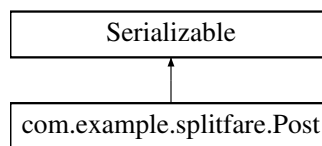
Toolbar com.example.splitfare.myposts.toolbar [package]

The documentation for this class was generated from the following file:

- [myposts.java](#)

## 6.7 com.example.splitfare.Post Class Reference

Inheritance diagram for com.example.splitfare.Post:



### Public Member Functions

- ArrayList< String > [getList](#) ()  
*Setters and Getters are initialised for all variables.*
- String [getUseremail](#) ()
- void [setUseremail](#) (String [useremail](#))
- void [setlist](#) (ArrayList< String > mylist)
- String [getUid](#) ()
- void [setUid](#) (String uid)
- String [getPid](#) ()
- void [setPid](#) (String pid)
- [Post](#) ()
- String [getTime](#) ()
- void [setTime](#) (String time)
- String [getID](#) ()
- void [setID](#) (String ID)
- String [getName](#) ()
- void [setName](#) (String [name](#))
- String [getSource](#) ()
- void [setSource](#) (String [source](#))
- String [getDestination](#) ()
- void [setDestination](#) (String [destination](#))
- String [getMoT](#) ()
- void [setMoT](#) (String moT)
- int [getPersons](#) ()
- void [setPersons](#) (int [persons](#))
- String [getMobile](#) ()
- void [setMobile](#) (String mobile)
- String [getDate](#) ()
- void [setDate](#) (String date)

## Private Attributes

- String `name`
- String `source`
- String `destination`
- String `MoT`
- int `persons`
- String `Mobile`
- String `Date`
- String `Pid`
- String `Uid`
- String `Time`
- String `useremail`
- ArrayList< String > `comments` = new ArrayList<String>()

### 6.7.1 Detailed Description

Helper class which defines the basic structure of a post object This defines all methods and variables of posts

### 6.7.2 Constructor & Destructor Documentation

#### 6.7.2.1 Post()

```
com.example.splitfare.Post.Post ( ) [inline]
```

### 6.7.3 Member Function Documentation

#### 6.7.3.1 getDate()

```
String com.example.splitfare.Post.getDate ( ) [inline]
```

#### 6.7.3.2 getDestination()

```
String com.example.splitfare.Post.getDestination ( ) [inline]
```

### 6.7.3.3 getID()

```
String com.example.splitfare.Post.getID ( ) [inline]
```

### 6.7.3.4 getList()

```
ArrayList<String> com.example.splitfare.Post.getList ( ) [inline]
```

Setters and Getters are initialised for all variables.

### 6.7.3.5 getMobile()

```
String com.example.splitfare.Post.getMobile ( ) [inline]
```

### 6.7.3.6 getMoT()

```
String com.example.splitfare.Post.getMoT ( ) [inline]
```

### 6.7.3.7 getName()

```
String com.example.splitfare.Post.getName ( ) [inline]
```

### 6.7.3.8 getPersons()

```
int com.example.splitfare.Post.getPersons ( ) [inline]
```

### 6.7.3.9 getPid()

```
String com.example.splitfare.Post.getPid ( ) [inline]
```



#### 6.7.3.10 getSource()

```
String com.example.splitfare.Post.getSource ( ) [inline]
```

#### 6.7.3.11 getTime()

```
String com.example.splitfare.Post.getTime ( ) [inline]
```

#### 6.7.3.12 getUid()

```
String com.example.splitfare.Post.getUid ( ) [inline]
```

#### 6.7.3.13 getUseremail()

```
String com.example.splitfare.Post.getUseremail ( ) [inline]
```

#### 6.7.3.14 setDate()

```
void com.example.splitfare.Post.setDate (
    String date ) [inline]
```

#### 6.7.3.15 setDestination()

```
void com.example.splitfare.Post.setDestination (
    String destination ) [inline]
```

#### 6.7.3.16 setID()

```
void com.example.splitfare.Post.setID (
    String ID ) [inline]
```

**6.7.3.17 setlist()**

```
void com.example.splitfare.Post.setlist (
    ArrayList< String > mylist ) [inline]
```

**6.7.3.18 setMobile()**

```
void com.example.splitfare.Post.setMobile (
    String mobile ) [inline]
```

**6.7.3.19 setMoT()**

```
void com.example.splitfare.Post.setMoT (
    String moT ) [inline]
```

**6.7.3.20 setName()**

```
void com.example.splitfare.Post.setName (
    String name ) [inline]
```

**6.7.3.21 setPersons()**

```
void com.example.splitfare.Post.setPersons (
    int persons ) [inline]
```

**6.7.3.22 setPid()**

```
void com.example.splitfare.Post.setPid (
    String pid ) [inline]
```

**6.7.3.23 setSource()**

```
void com.example.splitfare.Post.setSource (
    String source ) [inline]
```

#### 6.7.3.24 setTime()

```
void com.example.splitfare.Post.setTime (
    String time ) [inline]
```

#### 6.7.3.25 setUid()

```
void com.example.splitfare.Post.setUid (
    String uid ) [inline]
```

#### 6.7.3.26 setUseremail()

```
void com.example.splitfare.Post.setUseremail (
    String useremail ) [inline]
```

### 6.7.4 Member Data Documentation

#### 6.7.4.1 comments

```
ArrayList<String> com.example.splitfare.Post.comments = new ArrayList<String>() [private]
```

#### 6.7.4.2 Date

```
String com.example.splitfare.Post.Date [private]
```

#### 6.7.4.3 destination

```
String com.example.splitfare.Post.destination [private]
```

#### 6.7.4.4 Mobile

```
String com.example.splitfare.Post.Mobile [private]
```

#### 6.7.4.5 MoT

```
String com.example.splitfare.Post.MoT [private]
```

#### 6.7.4.6 name

```
String com.example.splitfare.Post.name [private]
```

#### 6.7.4.7 persons

```
int com.example.splitfare.Post.persons [private]
```

#### 6.7.4.8 Pid

```
String com.example.splitfare.Post.Pid [private]
```

#### 6.7.4.9 source

```
String com.example.splitfare.Post.source [private]
```

#### 6.7.4.10 Time

```
String com.example.splitfare.Post.Time [private]
```

#### 6.7.4.11 Uid

```
String com.example.splitfare.Post.Uid [private]
```

#### 6.7.4.12 useremail

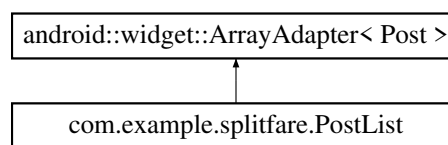
```
String com.example.splitfare.Post.useremail [private]
```

The documentation for this class was generated from the following file:

- [Post.java](#)

## 6.8 com.example.splitfare.PostList Class Reference

Inheritance diagram for com.example.splitfare.PostList:



### Public Member Functions

- [PostList](#) (Activity [context](#), List< [Post](#) > artists)  
*Constructor to initilase context and post object.*
- View [getView](#) (int position, View convertView, ViewGroup parent)  
*This method sets the textviews of ListView to appropriate values.*

### Package Attributes

- List< [Post](#) > [posts](#)
- String [bclr](#)
- String [tclr](#)
- int [count](#) =0

### Private Attributes

- Activity [context](#)

#### 6.8.1 Detailed Description

This is a helper class which helps in retrieving values from Firebase and displaying it on the activity from which it is called This class is beinnng used in [Home](#) Activity and Myposts activity This takes the post object given to it and then sets the Texviews values of layout to source and destination values of post

#### 6.8.2 Constructor & Destructor Documentation

### 6.8.2.1 PostList()

```
com.example.splitfare.PostList.PostList (
    Activity context,
    List< Post > artists ) [inline]
```

Constructor to initilias context and post object.

## 6.8.3 Member Function Documentation

### 6.8.3.1 getView()

```
View com.example.splitfare.PostList.getView (
    int position,
    View convertView,
    ViewGroup parent ) [inline]
```

This method sets the textviews of ListView to appropriate values.

## 6.8.4 Member Data Documentation

### 6.8.4.1 bclr

```
String com.example.splitfare.PostList.bclr [package]
```

### 6.8.4.2 context

```
Activity com.example.splitfare.PostList.context [private]
```

### 6.8.4.3 count

```
int com.example.splitfare.PostList.count =0 [package]
```

### 6.8.4.4 posts

```
List<Post> com.example.splitfare.PostList.posts [package]
```

### 6.8.4.5 tclr

```
String com.example.splitfare.PostList.tclr [package]
```

The documentation for this class was generated from the following file:

- [PostList.java](#)

## Chapter 7

# File Documentation

### 7.1 AddpostaActivity.java File Reference

#### Classes

- class [com.example.splitfare.AddpostaActivity](#)

#### Packages

- package [com.example.splitfare](#)

### 7.2 Comment.java File Reference

#### Classes

- class [com.example.splitfare.Comment](#)

#### Packages

- package [com.example.splitfare](#)

### 7.3 Home.java File Reference

#### Classes

- class [com.example.splitfare.Home](#)

#### Packages

- package [com.example.splitfare](#)

## 7.4 LoginActivity.java File Reference

### Classes

- class [com.example.splitfare.LoginActivity](#)

### Packages

- package [com.example.splitfare](#)

## 7.5 MainActivity.java File Reference

### Classes

- class [com.example.splitfare.MainActivity](#)

### Packages

- package [com.example.splitfare](#)

## 7.6 myposts.java File Reference

### Classes

- class [com.example.splitfare.myposts](#)

### Packages

- package [com.example.splitfare](#)

## 7.7 Post.java File Reference

### Classes

- class [com.example.splitfare.Post](#)

### Packages

- package [com.example.splitfare](#)

## 7.8 PostList.java File Reference

### Classes

- class [com.example.splitfare.PostList](#)

### Packages

- package [com.example.splitfare](#)



# Index

AddpostaActivity.java, [39](#)

bclr

com.example.splitfare.PostList, [38](#)

btnaddPost

com.example.splitfare.AddpostaActivity, [13](#)

btnDate

com.example.splitfare.AddpostaActivity, [13](#)

btnSignIn

com.example.splitfare.LoginActivity, [25](#)

btnSignUp

com.example.splitfare.MainActivity, [27](#)

btnTime

com.example.splitfare.AddpostaActivity, [13](#)

cal

com.example.splitfare.AddpostaActivity, [13](#)

com, [9](#)

com.example, [9](#)

com.example.splitfare, [9](#)

com.example.splitfare.AddpostaActivity, [11](#)

btnaddPost, [13](#)

btnDate, [13](#)

btnTime, [13](#)

cal, [13](#)

curHour, [13](#)

curMin, [13](#)

databaseposts, [13](#)

Date, [14](#)

destination, [14](#)

mDateSetListener, [14](#)

Mobile, [14](#)

MoT, [14](#)

name, [14](#)

onBackPressed, [12](#)

onCreate, [12](#)

persons, [14](#)

post, [15](#)

source, [15](#)

Time, [15](#)

toolbar, [15](#)

user, [15](#)

com.example.splitfare.Comment, [16](#)

comm, [18](#)

commadapter, [18](#)

commentlist, [18](#)

commlv, [18](#)

databaseposts, [18](#)

date, [18](#)

dest, [18](#)

mob, [19](#)

mot, [19](#)

name, [19](#)

nop, [19](#)

onBackPressed, [17](#)

onCreate, [17](#)

reply, [19](#)

source, [19](#)

time, [19](#)

toolbar, [20](#)

uid, [20](#)

user, [20](#)

com.example.splitfare.Home, [20](#)

curuser, [22](#)

databaseposts, [22](#)

databaseusers, [22](#)

drawerLayout, [22](#)

listViewPosts, [22](#)

mAuthStateListener, [22](#)

mFirebaseAuth, [23](#)

navigationView, [23](#)

onBackPressed, [21](#)

onCreate, [21](#)

onNavigationItemSelected, [21](#)

onStart, [22](#)

posts, [23](#)

toolbar, [23](#)

users, [23](#)

com.example.splitfare.LoginActivity, [23](#)

btnSignIn, [25](#)

emailId, [25](#)

mAuthStateListener, [25](#)

mFirebaseAuth, [25](#)

onBackPressed, [24](#)

onCreate, [24](#)

onStart, [24](#)

password, [25](#)

tvSignUp, [25](#)

com.example.splitfare.MainActivity, [26](#)

btnSignUp, [27](#)

databaseposts, [27](#)

emailId, [27](#)

mFirebaseAuth, [27](#)

onBackPressed, [26](#)

onCreate, [26](#)

password, [27](#)

tvSignIn, [27](#)

uid, [27](#)

user, [28](#)

- com.example.splitfare.myposts, 28
  - curuser, 29
  - databasemyposts, 29
  - listviewmyposts, 29
  - my\_posts, 29
  - onBackPressed, 29
  - onCreate, 29
  - toolbar, 29
- com.example.splitfare.Post, 30
  - comments, 35
  - Date, 35
  - destination, 35
  - getDate, 31
  - getDestination, 31
  - getID, 31
  - getList, 32
  - getMobile, 32
  - getMoT, 32
  - getName, 32
  - getPersons, 32
  - getPid, 32
  - getSource, 32
  - getTime, 33
  - getUid, 33
  - getUseremail, 33
  - Mobile, 35
  - MoT, 35
  - name, 36
  - persons, 36
  - Pid, 36
  - Post, 31
  - setDate, 33
  - setDestination, 33
  - setID, 33
  - setlist, 33
  - setMobile, 34
  - setMoT, 34
  - setName, 34
  - setPersons, 34
  - setPid, 34
  - setSource, 34
  - setTime, 34
  - setUid, 35
  - setUseremail, 35
  - source, 36
  - Time, 36
  - Uid, 36
  - useremail, 36
- com.example.splitfare.PostList, 37
  - bclr, 38
  - context, 38
  - count, 38
  - getView, 38
  - PostList, 37
  - posts, 38
  - tclr, 38
- comm
  - com.example.splitfare.Comment, 18
- commadapter
  - com.example.splitfare.Comment, 18
- Comment.java, 39
- commentlist
  - com.example.splitfare.Comment, 18
- comments
  - com.example.splitfare.Post, 35
- commmlv
  - com.example.splitfare.Comment, 18
- context
  - com.example.splitfare.PostList, 38
- count
  - com.example.splitfare.PostList, 38
- curHour
  - com.example.splitfare.AddpostaActivity, 13
- curMin
  - com.example.splitfare.AddpostaActivity, 13
- curuser
  - com.example.splitfare.Home, 22
  - com.example.splitfare.myposts, 29
- databasemyposts
  - com.example.splitfare.myposts, 29
- databaseposts
  - com.example.splitfare.AddpostaActivity, 13
  - com.example.splitfare.Comment, 18
  - com.example.splitfare.Home, 22
  - com.example.splitfare.MainActivity, 27
- databaseusers
  - com.example.splitfare.Home, 22
- Date
  - com.example.splitfare.AddpostaActivity, 14
  - com.example.splitfare.Post, 35
- date
  - com.example.splitfare.Comment, 18
- dest
  - com.example.splitfare.Comment, 18
- destination
  - com.example.splitfare.AddpostaActivity, 14
  - com.example.splitfare.Post, 35
- drawerLayout
  - com.example.splitfare.Home, 22
- emailId
  - com.example.splitfare.LoginActivity, 25
  - com.example.splitfare.MainActivity, 27
- getDate
  - com.example.splitfare.Post, 31
- getDestination
  - com.example.splitfare.Post, 31
- getID
  - com.example.splitfare.Post, 31
- getList
  - com.example.splitfare.Post, 32
- getMobile
  - com.example.splitfare.Post, 32
- getMoT
  - com.example.splitfare.Post, 32

- getName
  - com.example.splitfare.Post, 32
- getPersons
  - com.example.splitfare.Post, 32
- getPid
  - com.example.splitfare.Post, 32
- getSource
  - com.example.splitfare.Post, 32
- getTime
  - com.example.splitfare.Post, 33
- getUid
  - com.example.splitfare.Post, 33
- getUseremail
  - com.example.splitfare.Post, 33
- getView
  - com.example.splitfare.PostList, 38
- Home.java, 39
- listViewmyPosts
  - com.example.splitfare.myposts, 29
- listViewPosts
  - com.example.splitfare.Home, 22
- LoginActivity.java, 40
- MainActivity.java, 40
- mAuthStateListener
  - com.example.splitfare.Home, 22
  - com.example.splitfare.LoginActivity, 25
- mDateSetListener
  - com.example.splitfare.AddpostaActivity, 14
- mFirebaseAuth
  - com.example.splitfare.Home, 23
  - com.example.splitfare.LoginActivity, 25
  - com.example.splitfare.MainActivity, 27
- mob
  - com.example.splitfare.Comment, 19
- Mobile
  - com.example.splitfare.AddpostaActivity, 14
  - com.example.splitfare.Post, 35
- MoT
  - com.example.splitfare.AddpostaActivity, 14
  - com.example.splitfare.Post, 35
- mot
  - com.example.splitfare.Comment, 19
- my\_posts
  - com.example.splitfare.myposts, 29
- myposts.java, 40
- name
  - com.example.splitfare.AddpostaActivity, 14
  - com.example.splitfare.Comment, 19
  - com.example.splitfare.Post, 36
- navigationView
  - com.example.splitfare.Home, 23
- nop
  - com.example.splitfare.Comment, 19
- onBackPressed
  - com.example.splitfare.AddpostaActivity, 12
  - com.example.splitfare.Comment, 17
  - com.example.splitfare.Home, 21
  - com.example.splitfare.LoginActivity, 24
  - com.example.splitfare.MainActivity, 26
  - com.example.splitfare.myposts, 29
- onCreate
  - com.example.splitfare.AddpostaActivity, 12
  - com.example.splitfare.Comment, 17
  - com.example.splitfare.Home, 21
  - com.example.splitfare.LoginActivity, 24
  - com.example.splitfare.MainActivity, 26
  - com.example.splitfare.myposts, 29
- onNavigationItemSelected
  - com.example.splitfare.Home, 21
- onStart
  - com.example.splitfare.Home, 22
  - com.example.splitfare.LoginActivity, 24
- password
  - com.example.splitfare.LoginActivity, 25
  - com.example.splitfare.MainActivity, 27
- persons
  - com.example.splitfare.AddpostaActivity, 14
  - com.example.splitfare.Post, 36
- Pid
  - com.example.splitfare.Post, 36
- Post
  - com.example.splitfare.Post, 31
- post
  - com.example.splitfare.AddpostaActivity, 15
- Post.java, 40
- PostList
  - com.example.splitfare.PostList, 37
- PostList.java, 40
- posts
  - com.example.splitfare.Home, 23
  - com.example.splitfare.PostList, 38
- reply
  - com.example.splitfare.Comment, 19
- setDate
  - com.example.splitfare.Post, 33
- setDestination
  - com.example.splitfare.Post, 33
- setID
  - com.example.splitfare.Post, 33
- setlist
  - com.example.splitfare.Post, 33
- setMobile
  - com.example.splitfare.Post, 34
- setMoT
  - com.example.splitfare.Post, 34
- setName
  - com.example.splitfare.Post, 34
- setPersons
  - com.example.splitfare.Post, 34
- setPid

- com.example.splitfare.Post, [34](#)
  - setSource
    - com.example.splitfare.Post, [34](#)
  - setTime
    - com.example.splitfare.Post, [34](#)
  - setUid
    - com.example.splitfare.Post, [35](#)
  - setUseremail
    - com.example.splitfare.Post, [35](#)
  - source
    - com.example.splitfare.AddpostaActivity, [15](#)
    - com.example.splitfare.Comment, [19](#)
    - com.example.splitfare.Post, [36](#)
- tclr
  - com.example.splitfare.PostList, [38](#)
- Time
  - com.example.splitfare.AddpostaActivity, [15](#)
  - com.example.splitfare.Post, [36](#)
- time
  - com.example.splitfare.Comment, [19](#)
- toolbar
  - com.example.splitfare.AddpostaActivity, [15](#)
  - com.example.splitfare.Comment, [20](#)
  - com.example.splitfare.Home, [23](#)
  - com.example.splitfare.myposts, [29](#)
- tvSignIn
  - com.example.splitfare.MainActivity, [27](#)
- tvSignUp
  - com.example.splitfare.LoginActivity, [25](#)
- Uid
  - com.example.splitfare.Post, [36](#)
- uid
  - com.example.splitfare.Comment, [20](#)
  - com.example.splitfare.MainActivity, [27](#)
- user
  - com.example.splitfare.AddpostaActivity, [15](#)
  - com.example.splitfare.Comment, [20](#)
  - com.example.splitfare.MainActivity, [28](#)
- useremail
  - com.example.splitfare.Post, [36](#)
- users
  - com.example.splitfare.Home, [23](#)