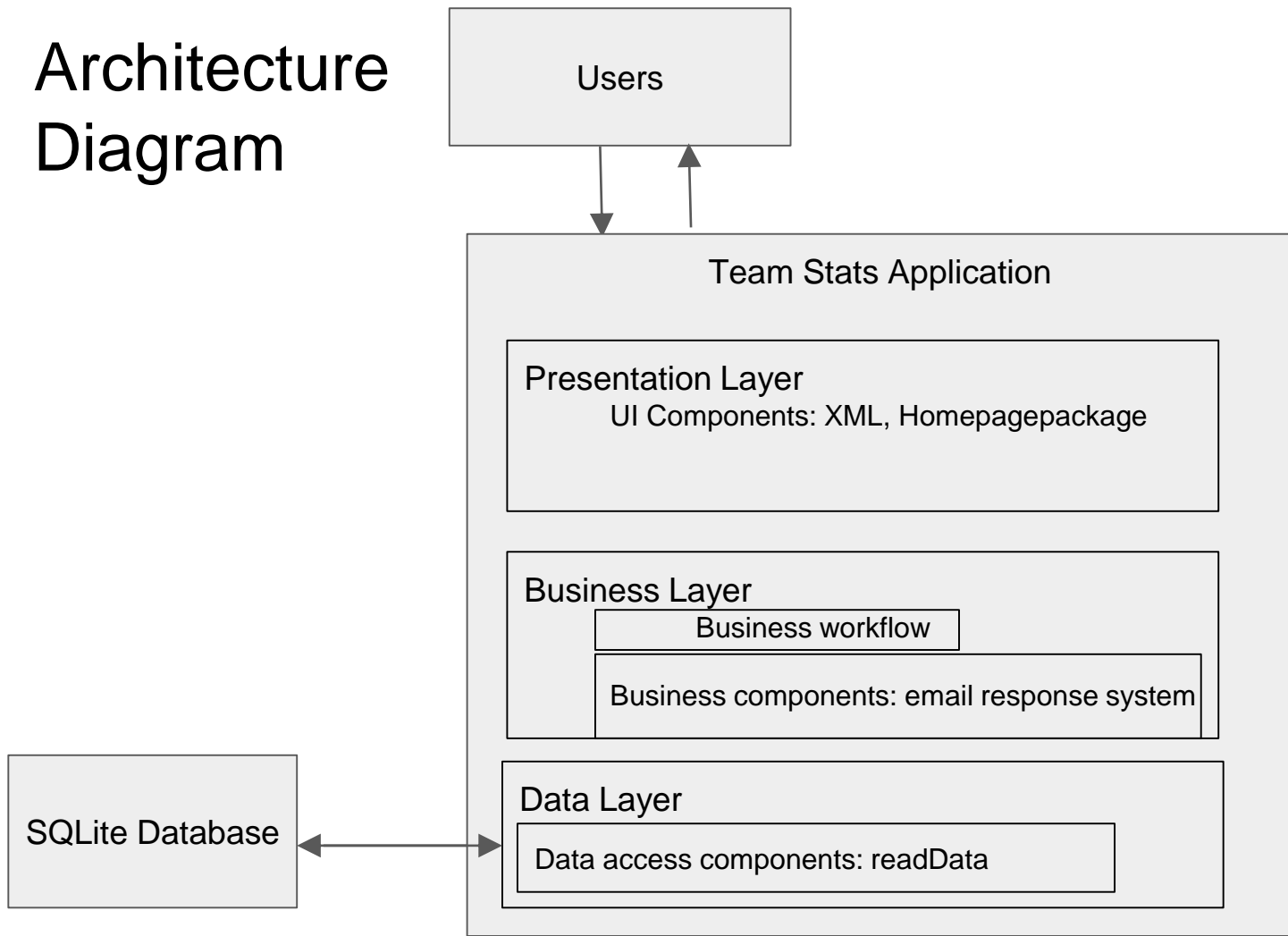


# Design Model

Trevor DeBardleben, Cole Gluth, Matthew  
Larroquette, Christopher “Logan” Serio

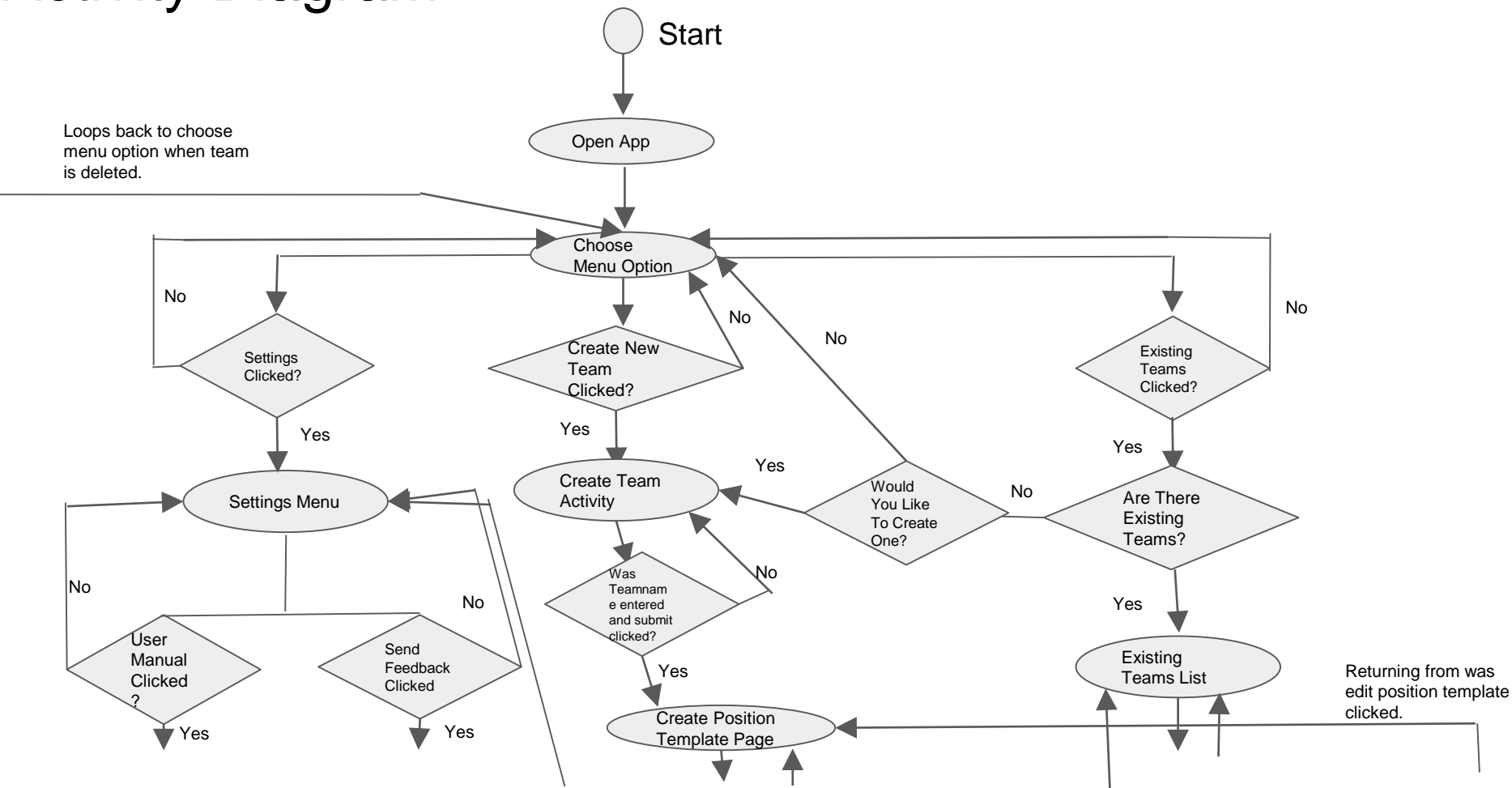
# Architecture Diagram



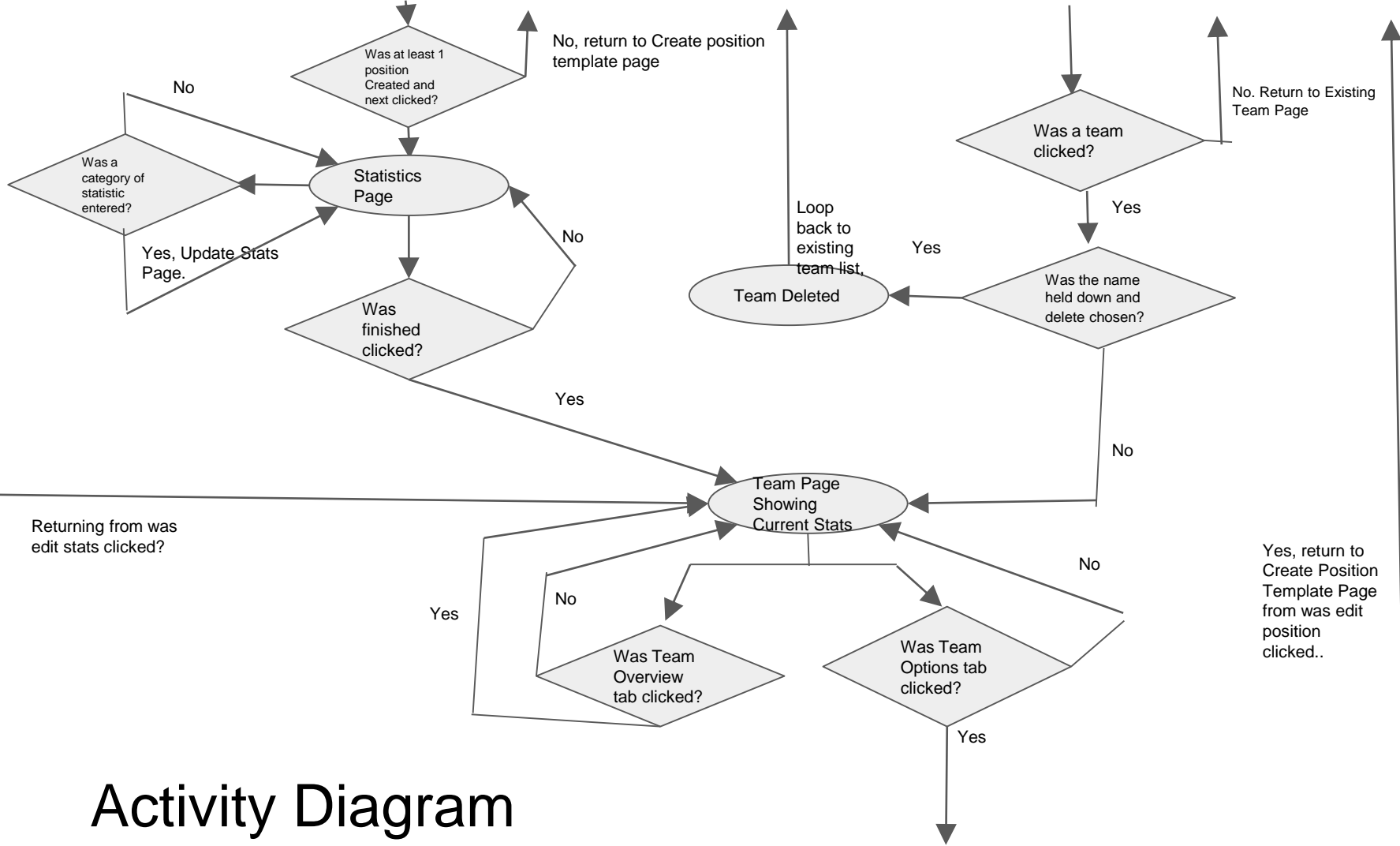
# Activity Diagram Notes

- Spans the next four pages
- First page is the beginning of our app
- The second page follows the `CreateTeamActivity` and `ListTeamsActivity` lines. The Create New Team flow picks up after the Positions are Created and the Existing Teams is picked up after a team is clicked.
- The third page follows after Team Options is clicked from the team page
- The final page follows after Settings is clicked from the homepage

# Activity Diagram

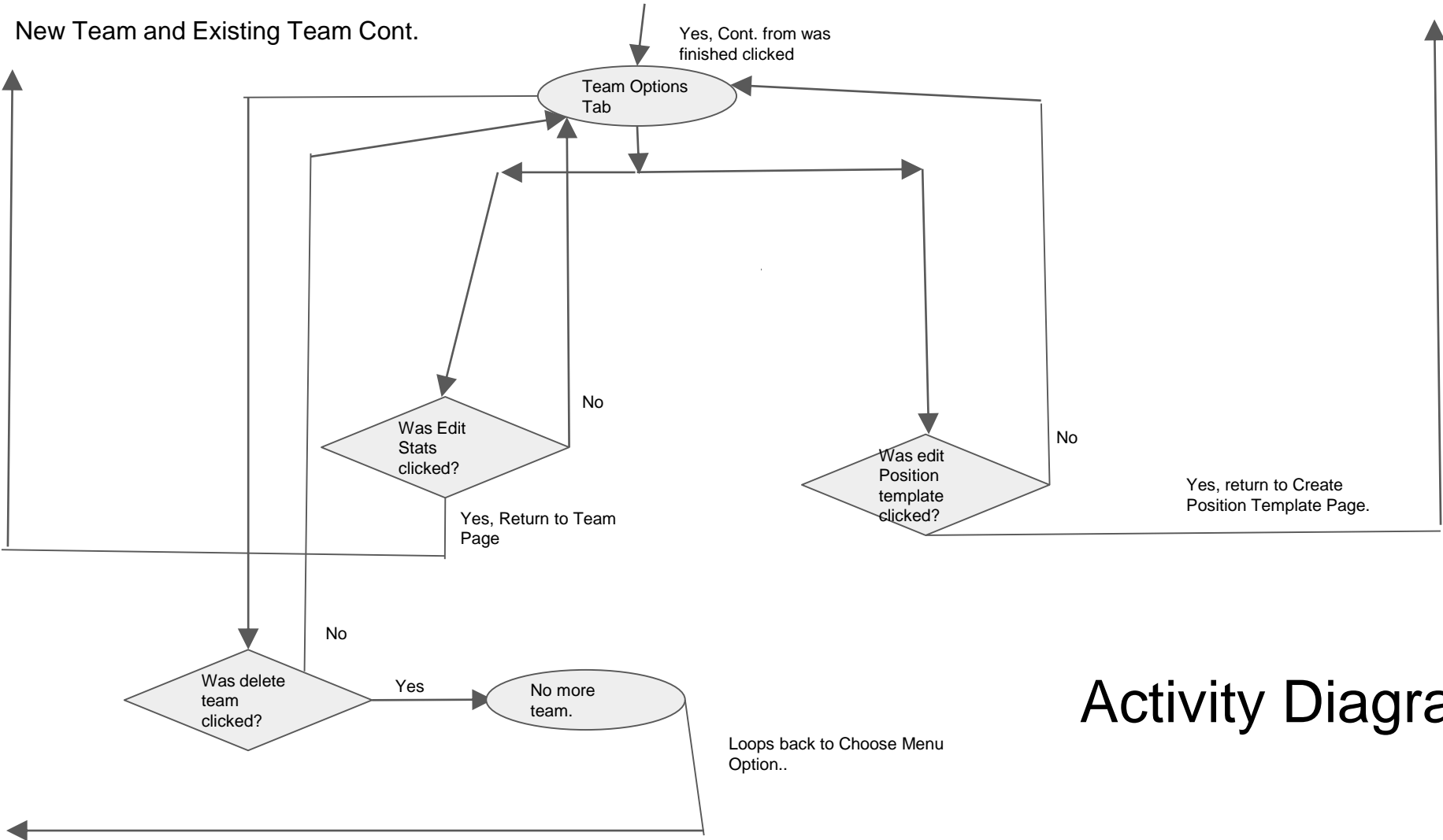


Cont.



# Activity Diagram

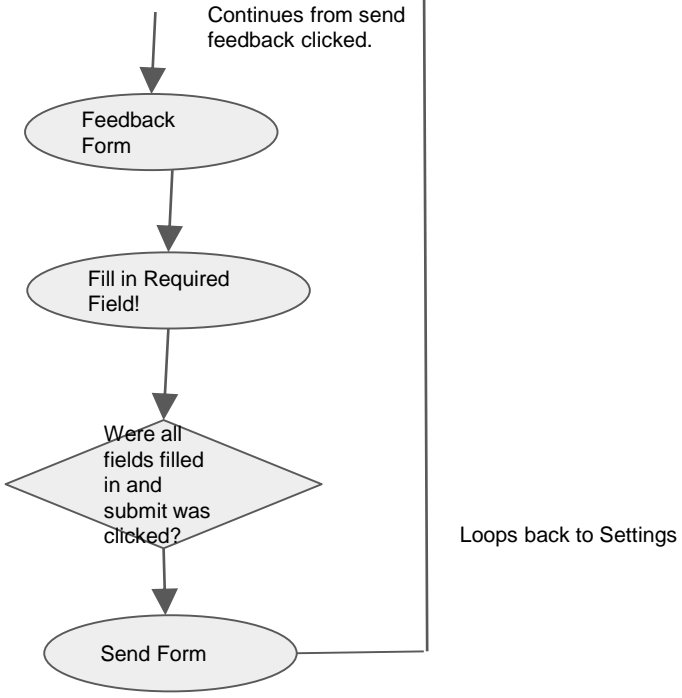
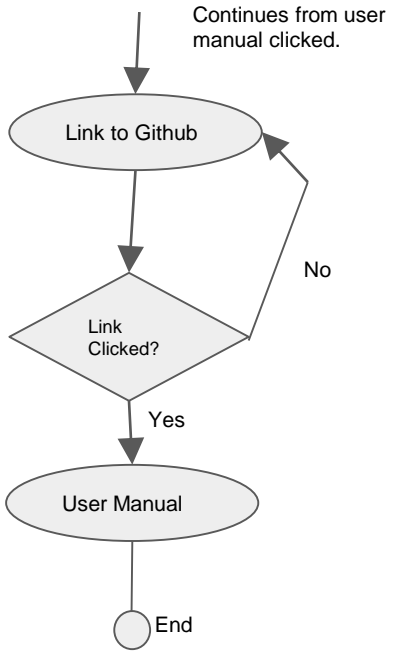
New Team and Existing Team Cont.



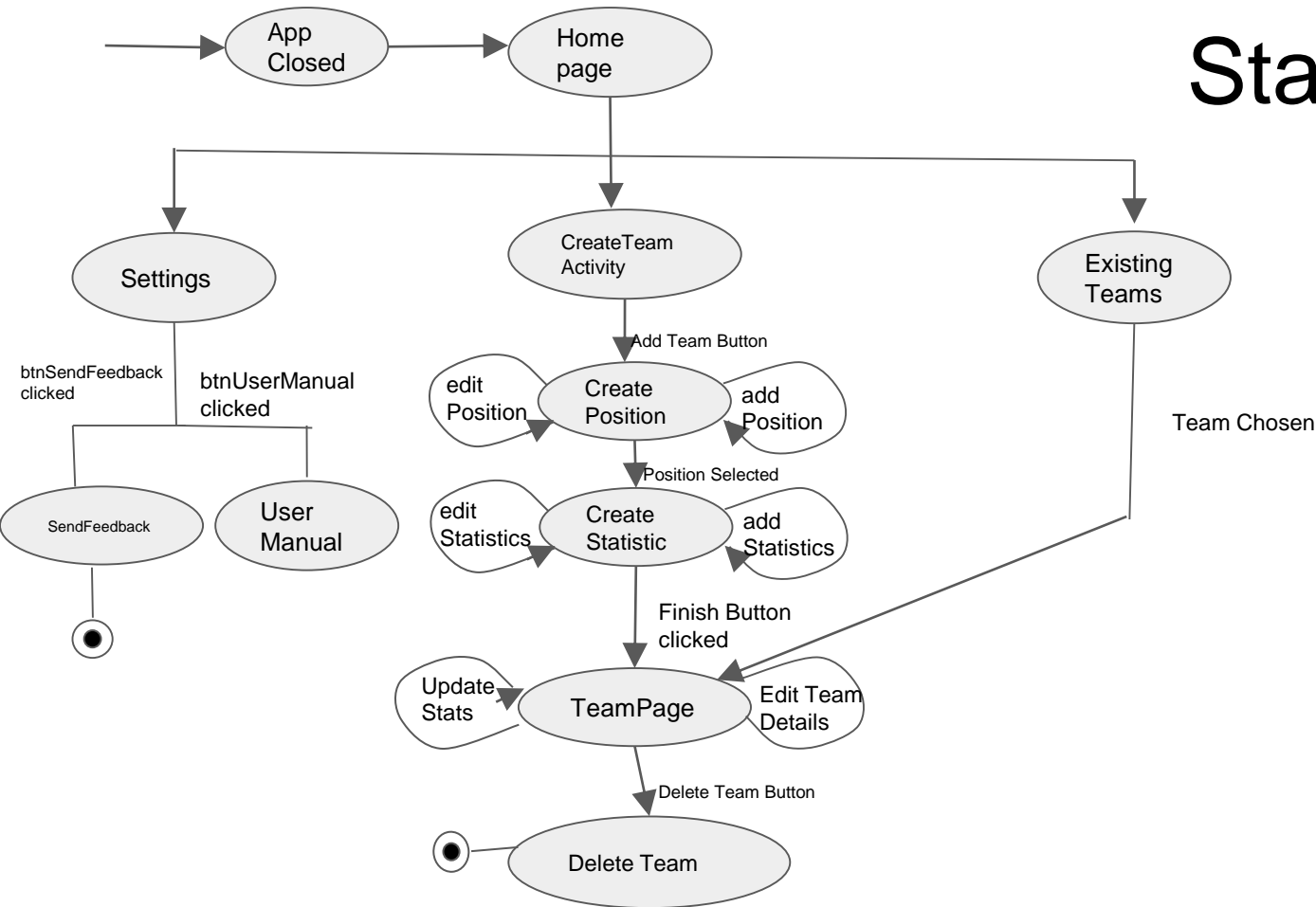
# Activity Diagram

# Activity Diagram

## Feedback Cont.



# State Diagram

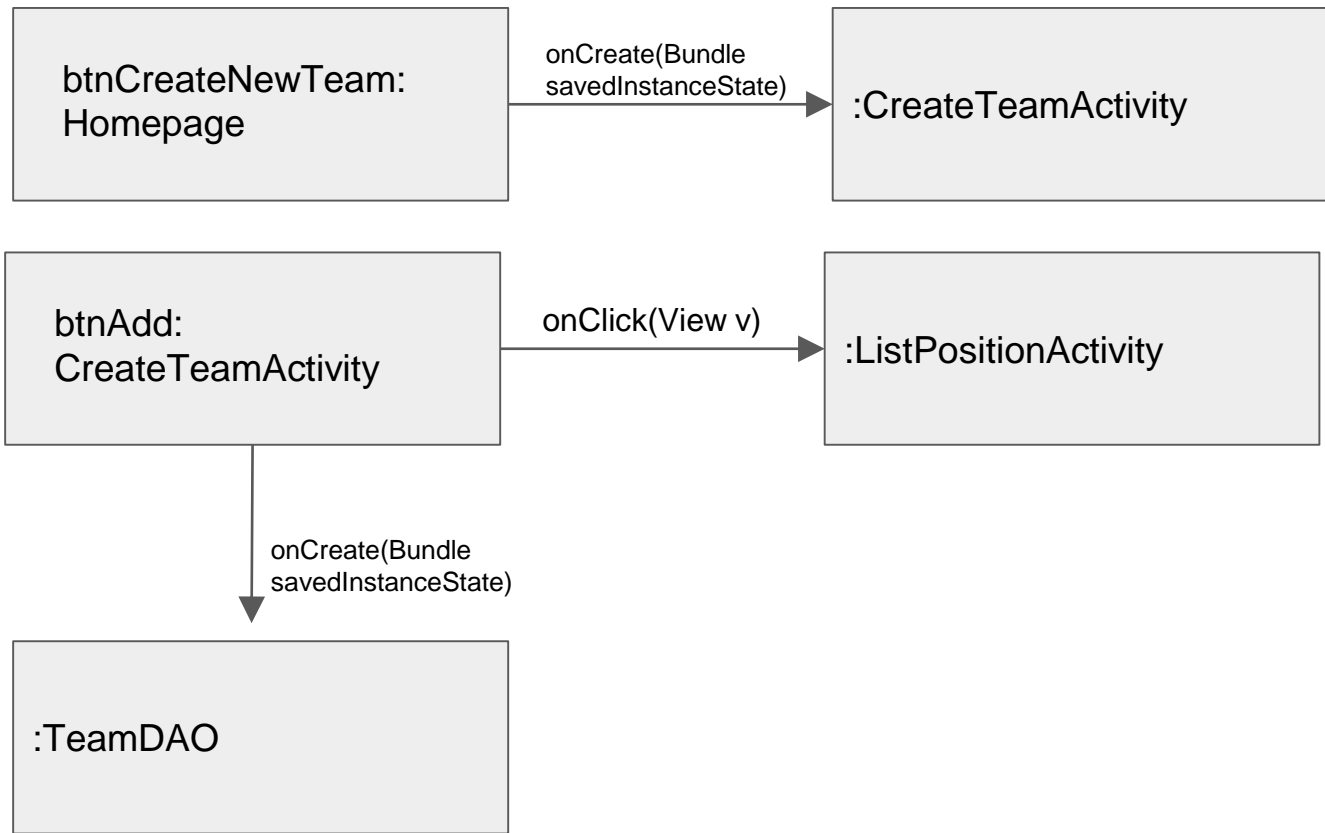


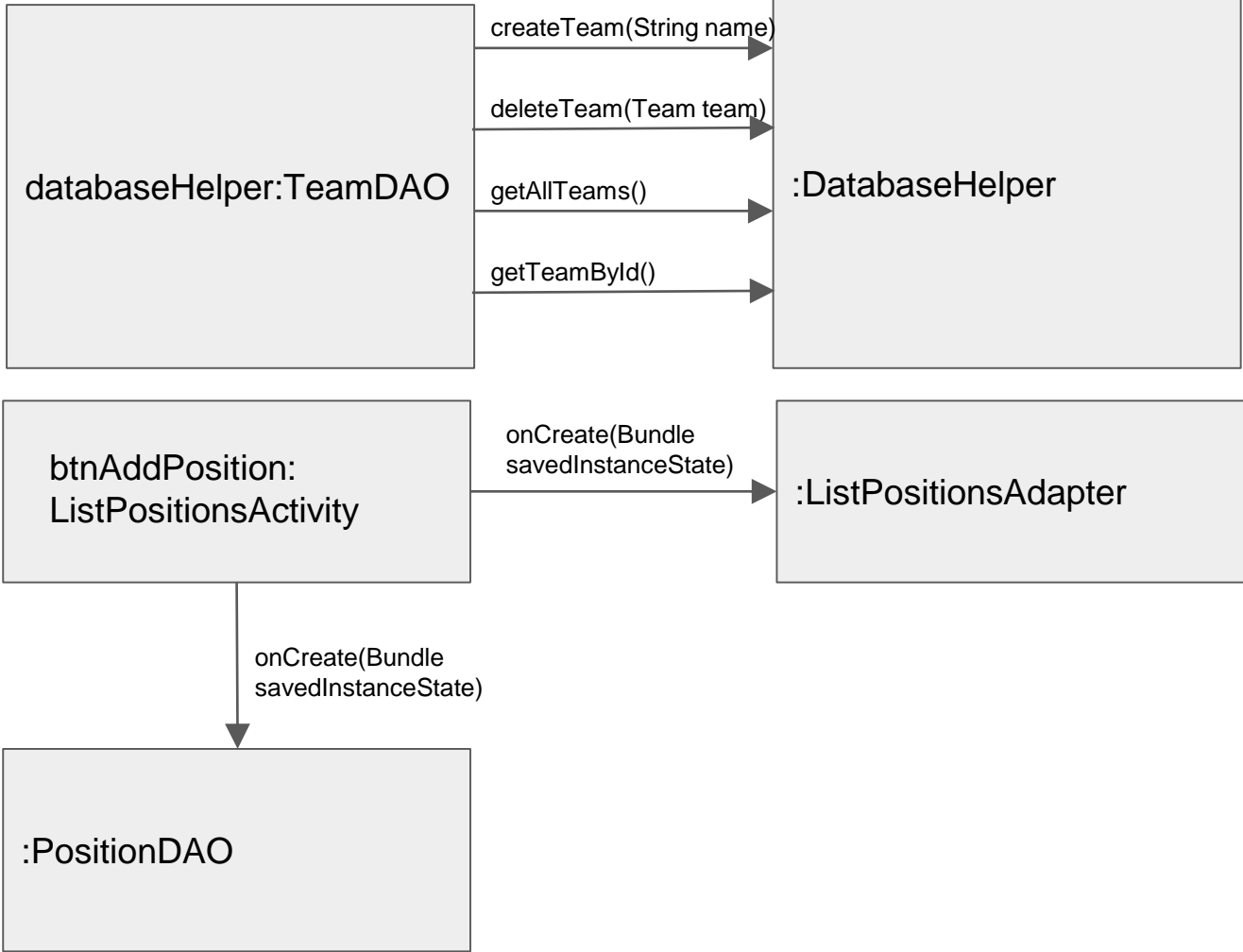


# Collaboration Diagram Notes

- Spans the next twelve pages
- Please note that multiple collaborations are on a slide. Only boxes that are connected show a collaboration. In some instances there are multiple collaborations per page.

# Collaboration Diagrams







onClick(View v)

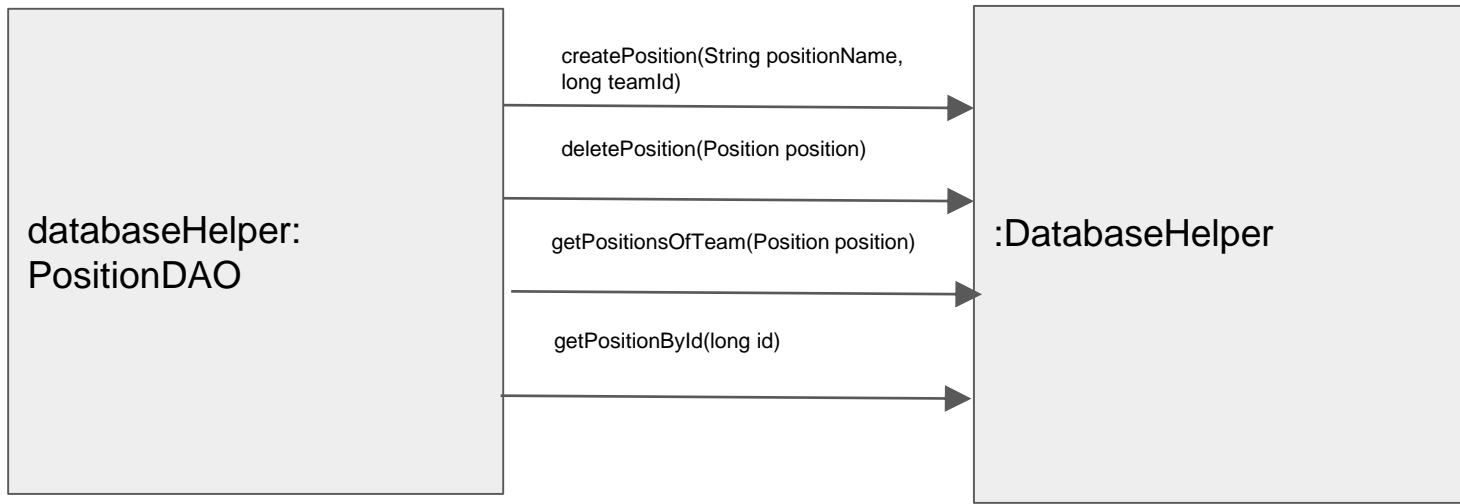


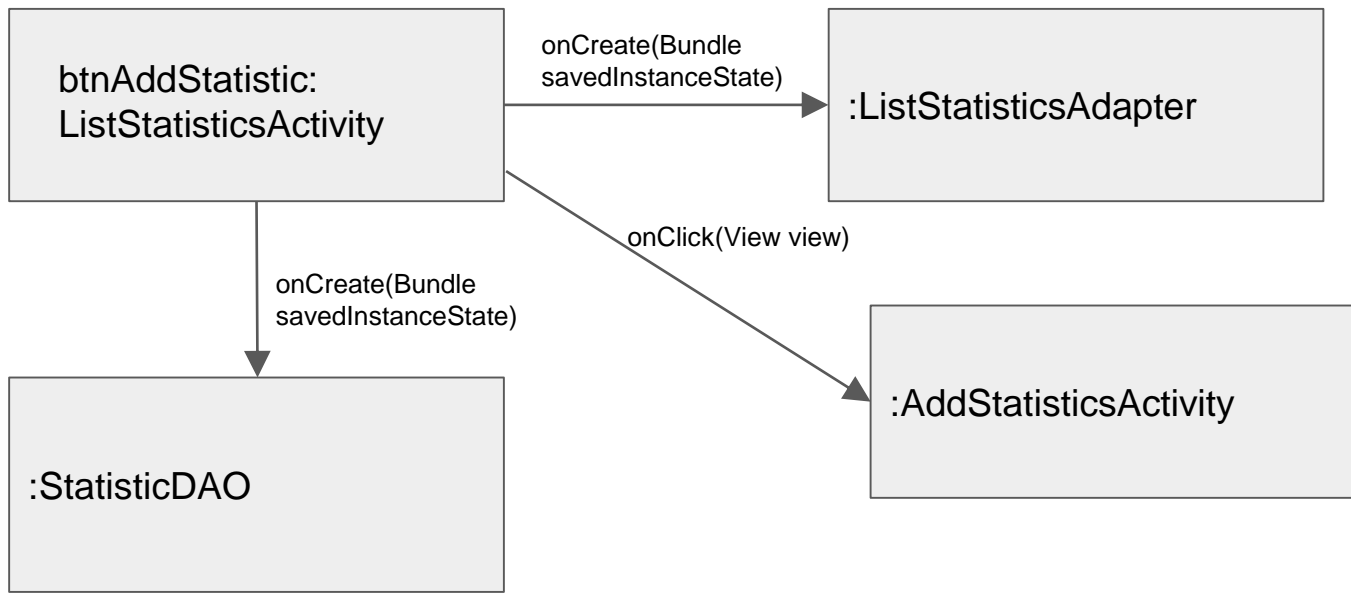
onItemLongClick(Adapter  
<?> parent, View view,  
int positon, long id)

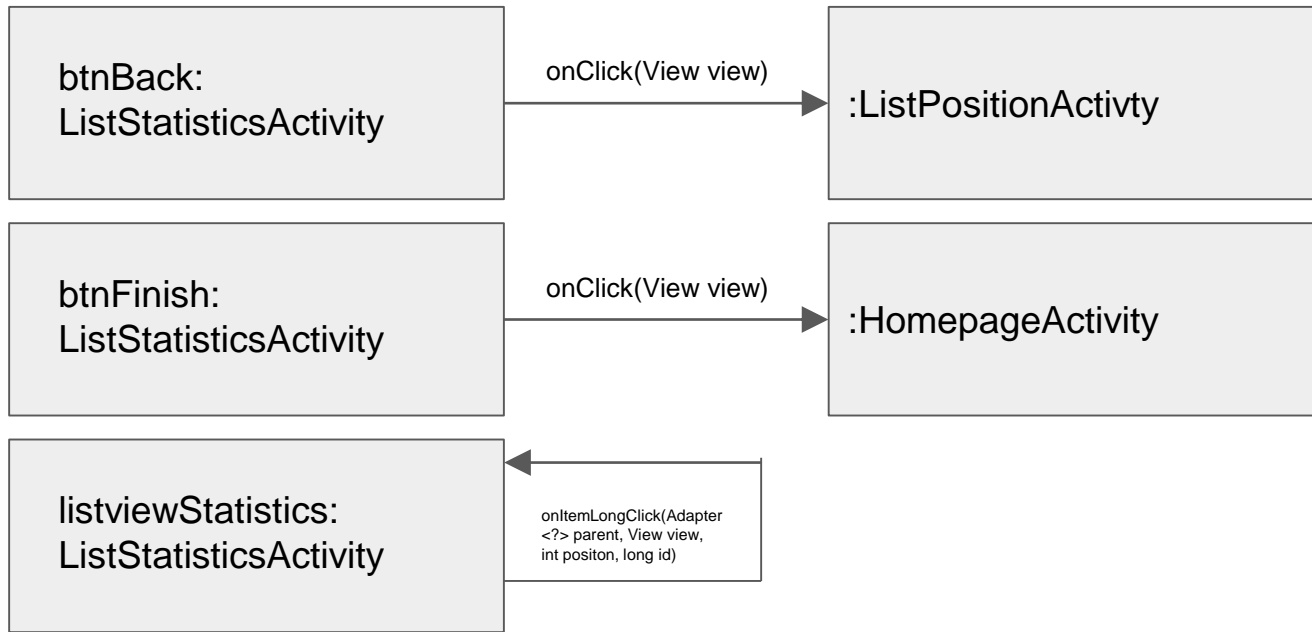


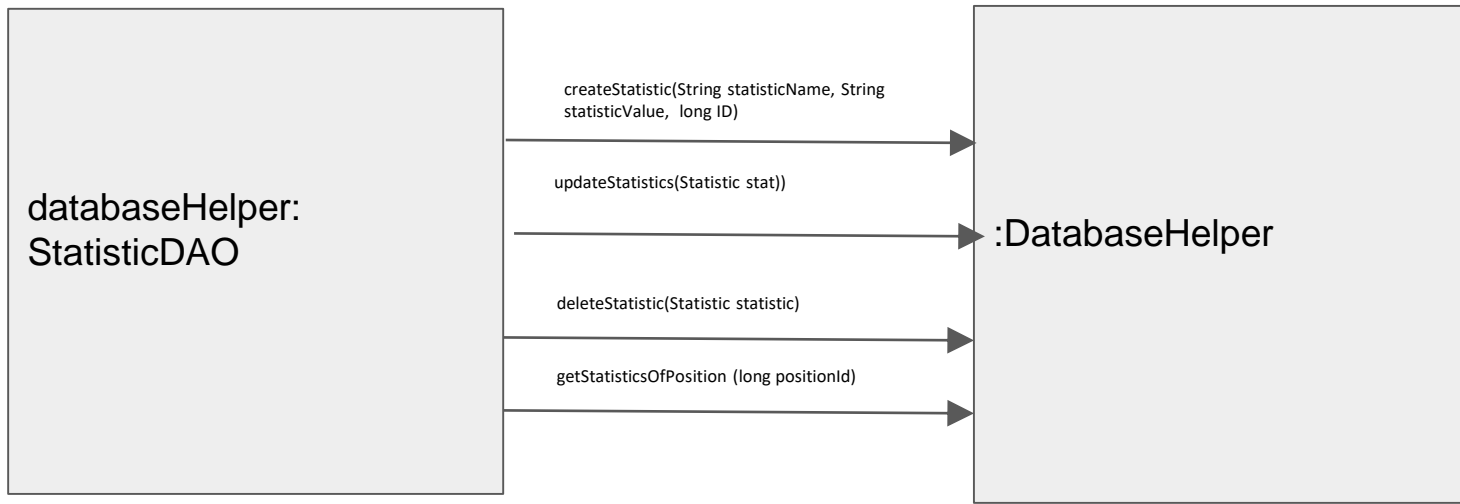
onItemClick(Adapter<?>  
parent, View view, int positon,  
long id)













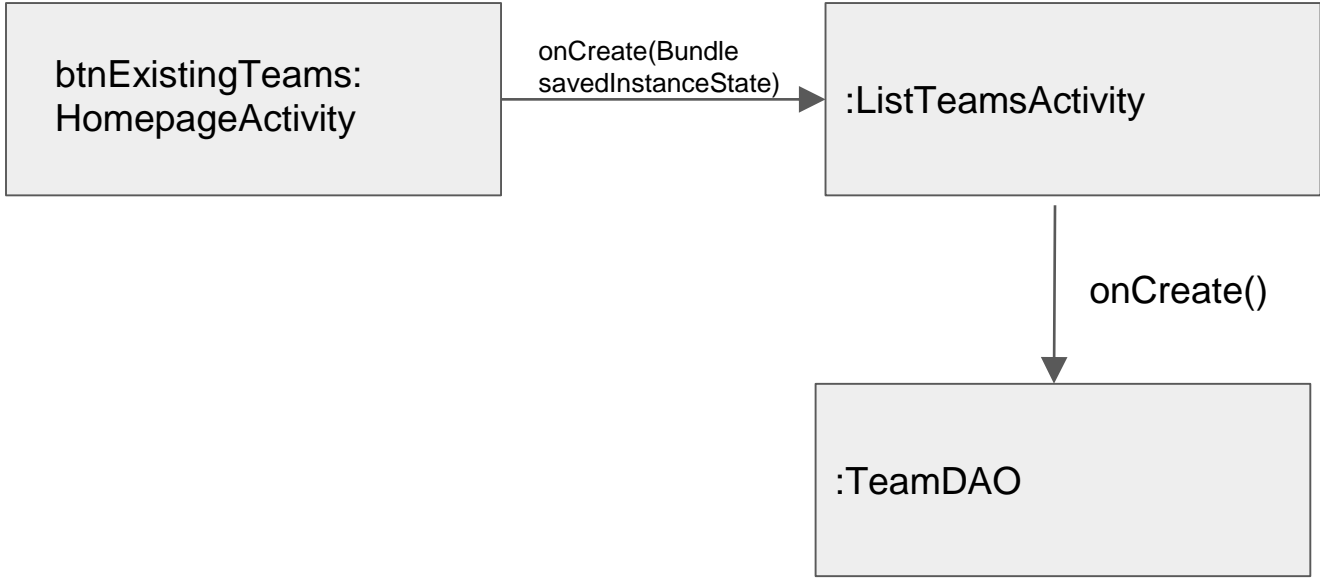
btnExistingTeams:  
HomepageActivity

onCreate(Bundle  
savedInstanceState)

:ListTeamsActivity

onCreate()

:TeamDAO



listViewActivity:  
ListTeamsActivity

onItemLongClick(Adapter  
<?> parent, View view,  
int positon, long id)

onItemClick(Adapter<?>  
parent, View view, int positon,  
long id)

:TeamPage

onOptionsItemSelected  
(MenuItem item)

:TeamOverview

:TeamOptions

onOptionsItemSelected  
(MenuItem item)

btnEditPositions:  
TeamOptions

onClick(View view)

:ListPositionActivity

btnEditStatistics:  
TeamOptions

onClick(View view)

:EditStatsActivity

btnDeleteTeam:  
TeamOptions

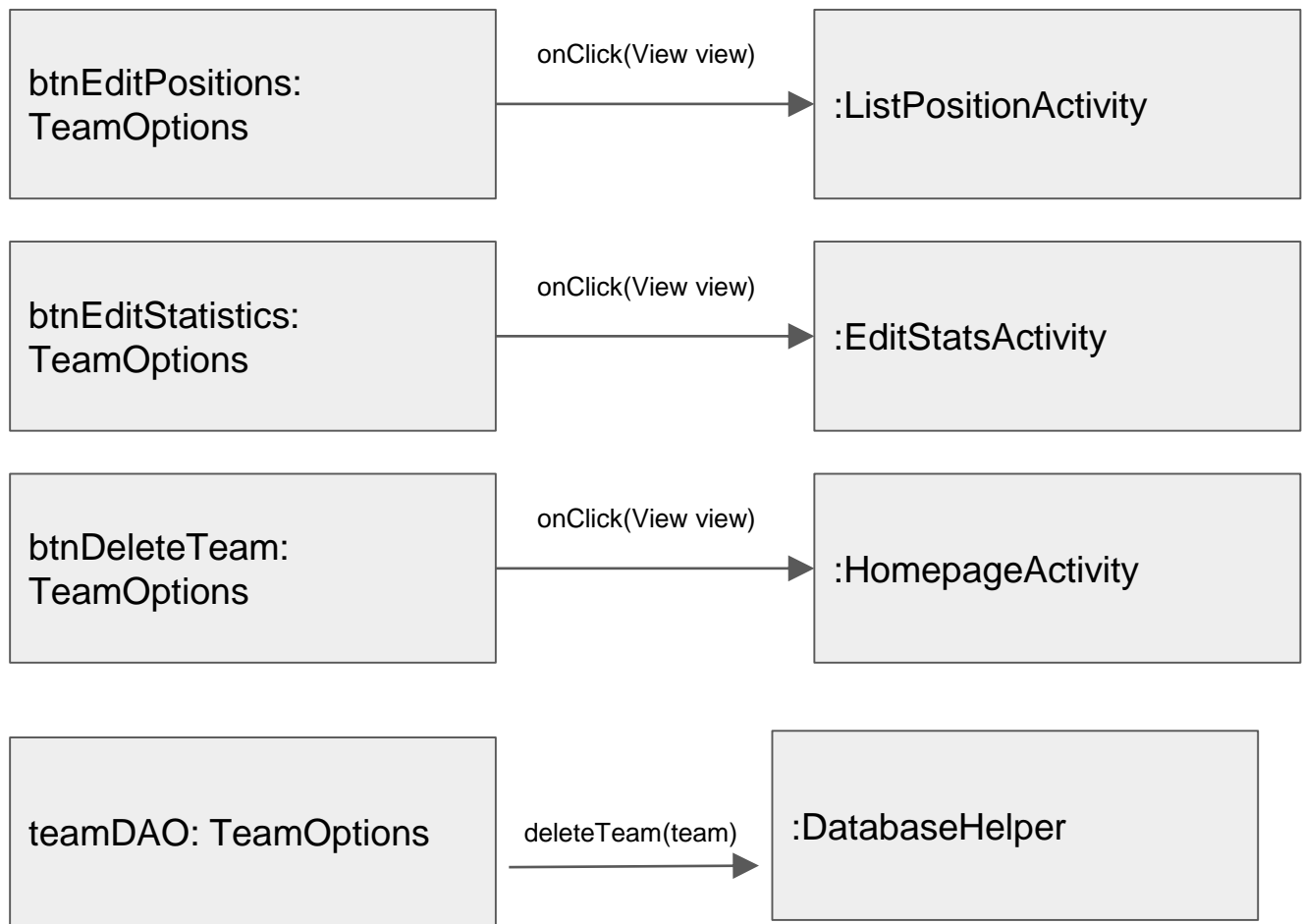
onClick(View view)

:HomepageActivity

teamDAO: TeamOptions

deleteTeam(team)

:DatabaseHelper



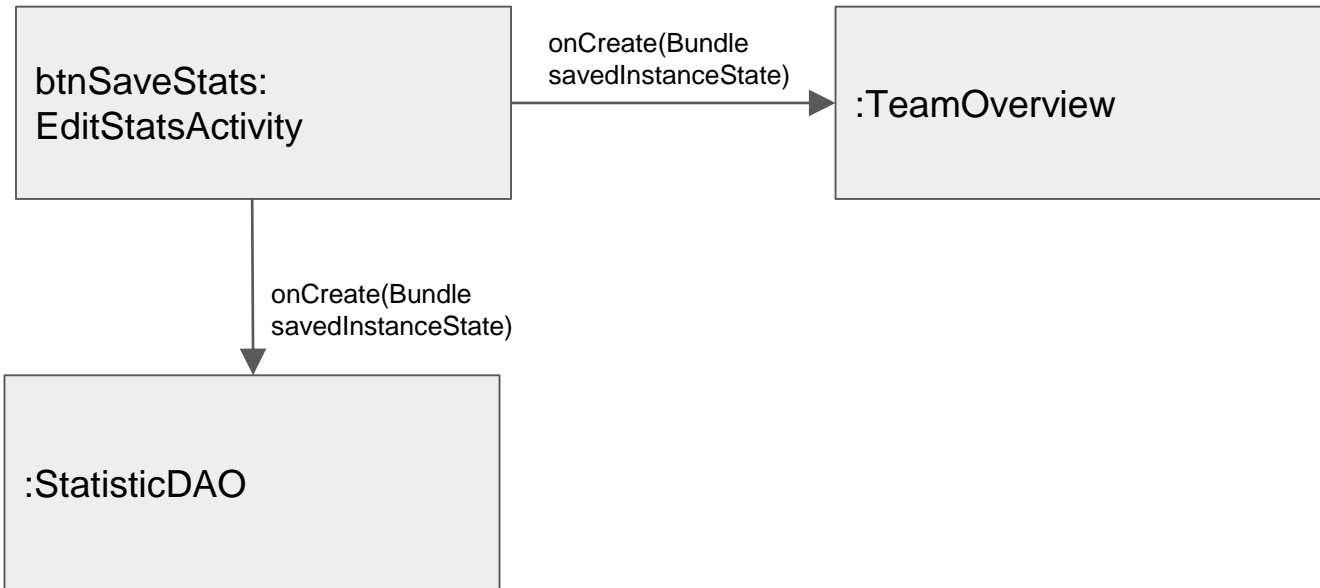
btnSaveStats:  
EditStatsActivity

onCreate(Bundle  
savedInstanceState)

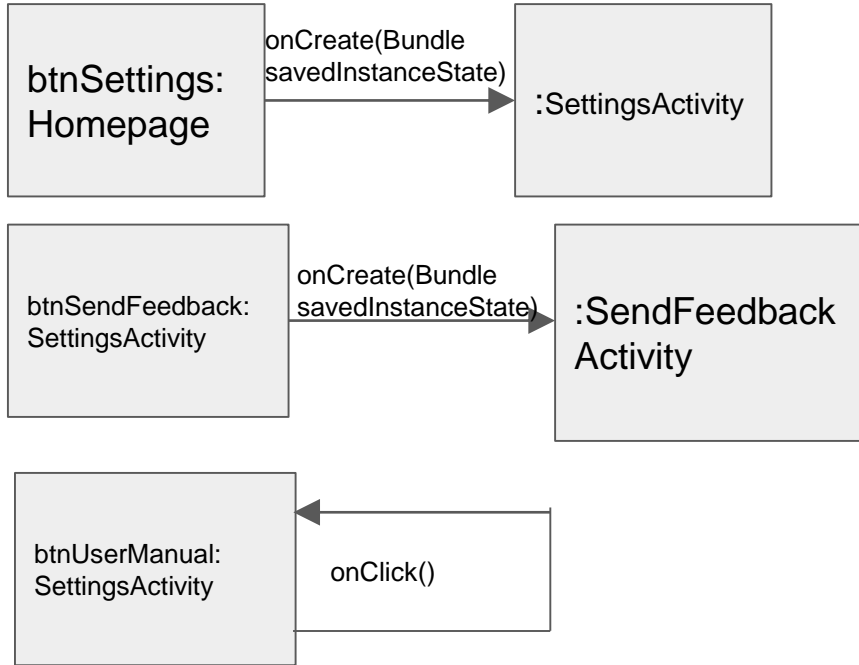
:TeamOverview

onCreate(Bundle  
savedInstanceState)

:StatisticDAO



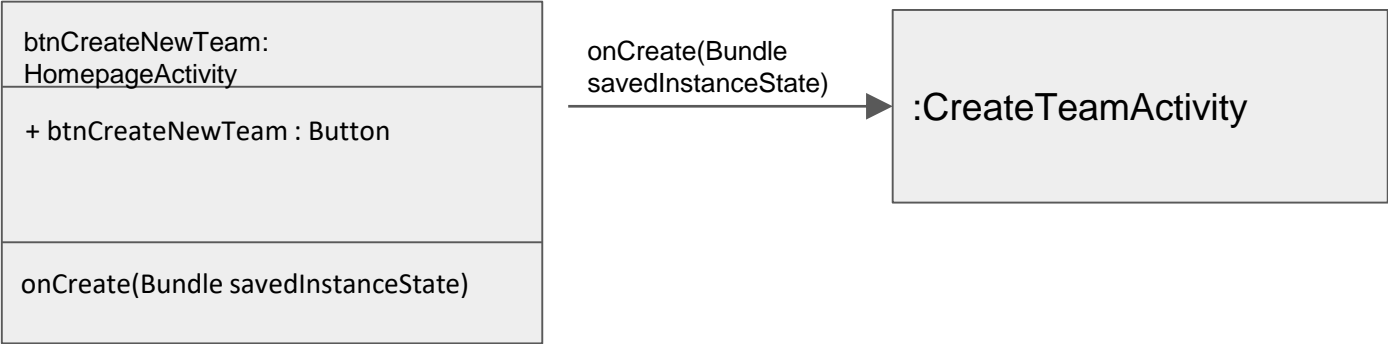
# End of Collaboration Diagrams

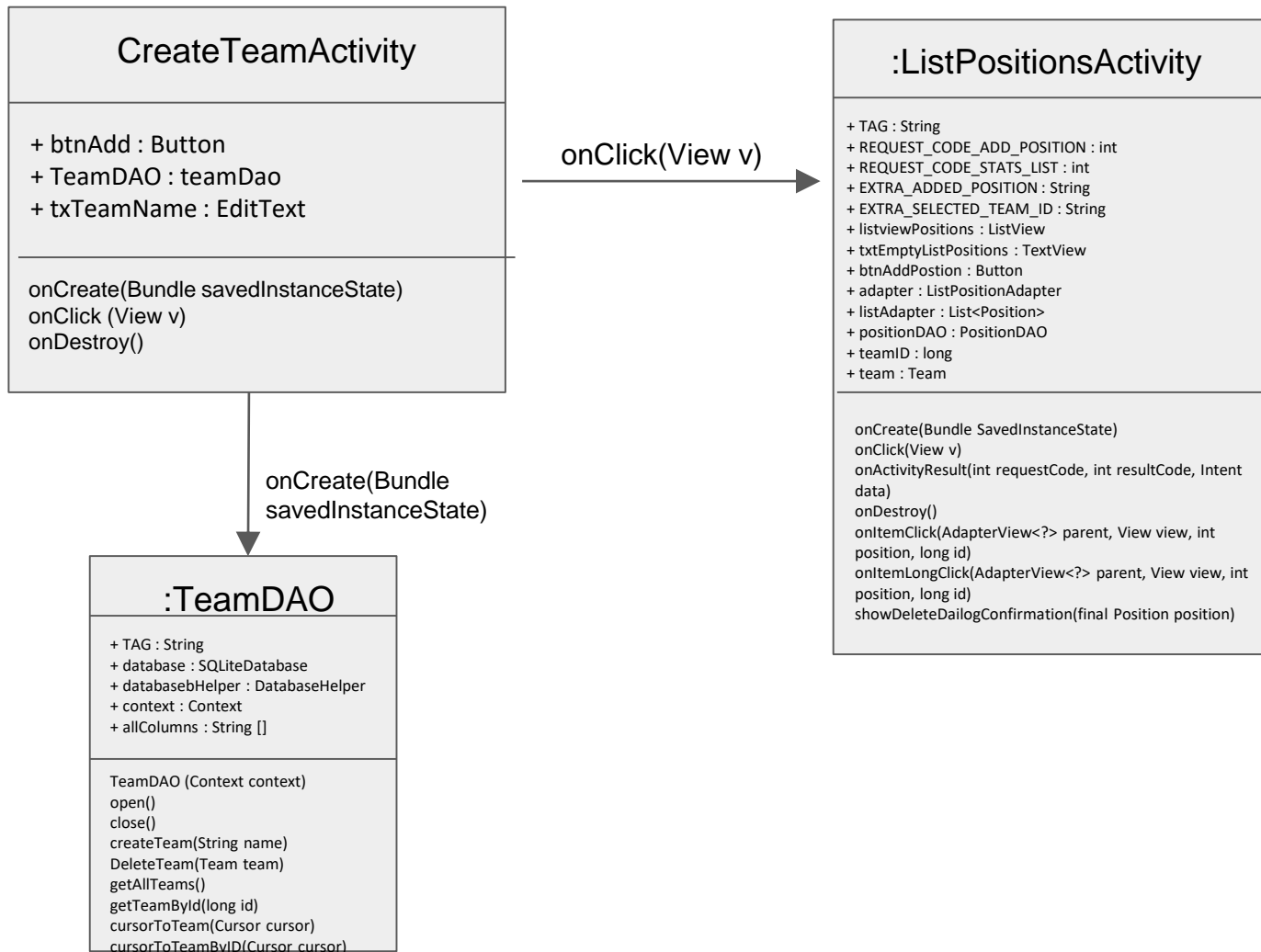


# Object Diagram Notes

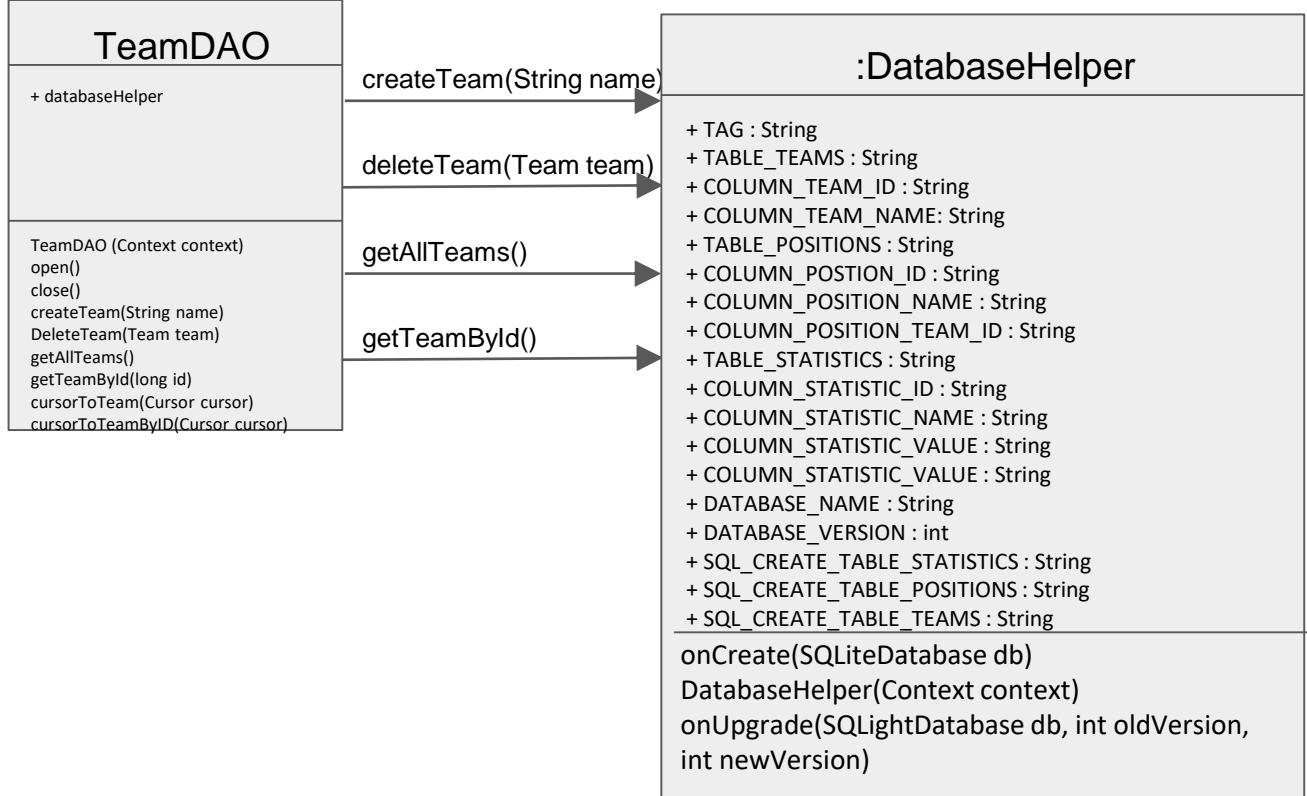
- Spans the next fifteen pages
- Please note there are multiple object diagrams per page. If there is no arrow connecting boxes they are not objects of one another.

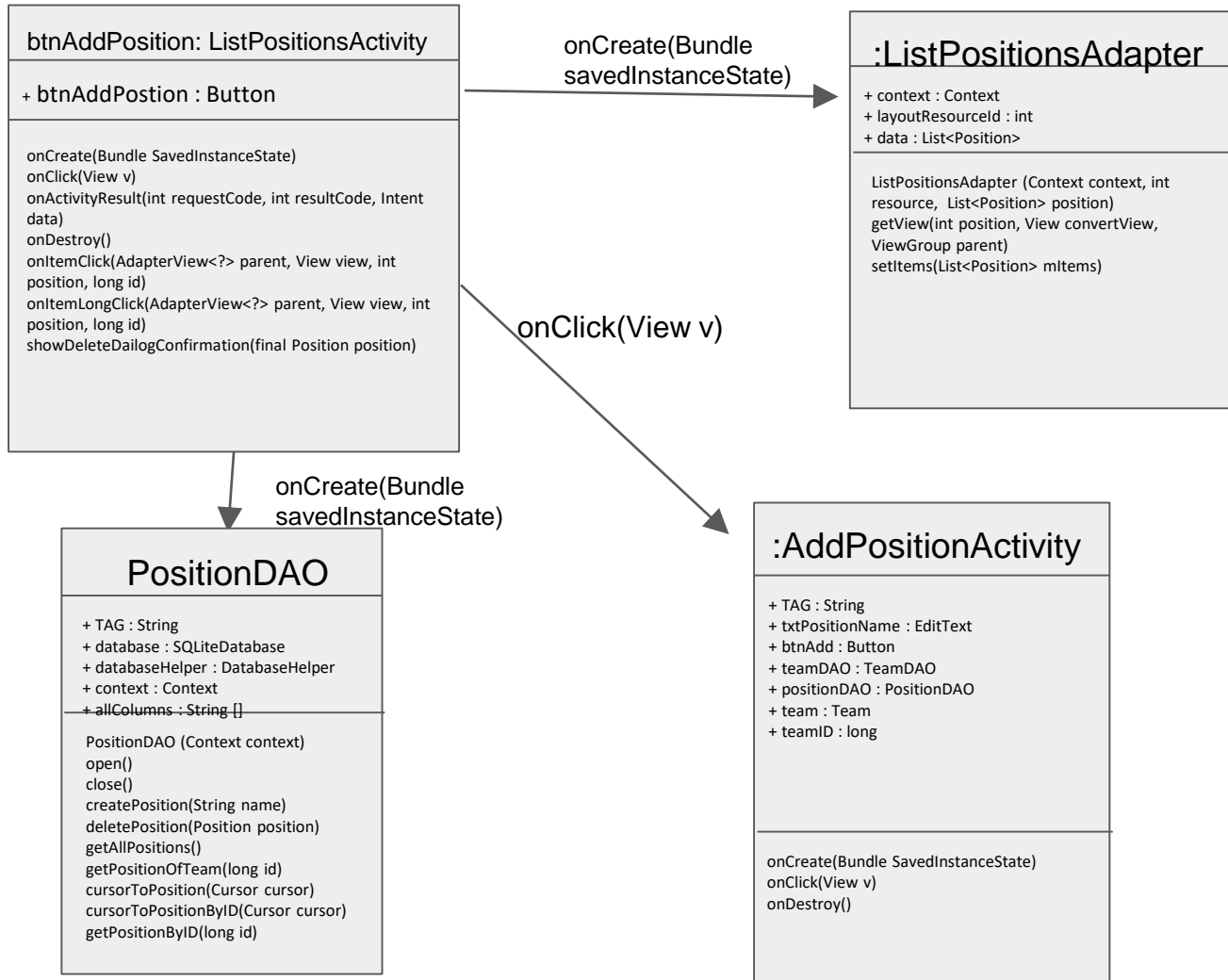
# Object Diagram

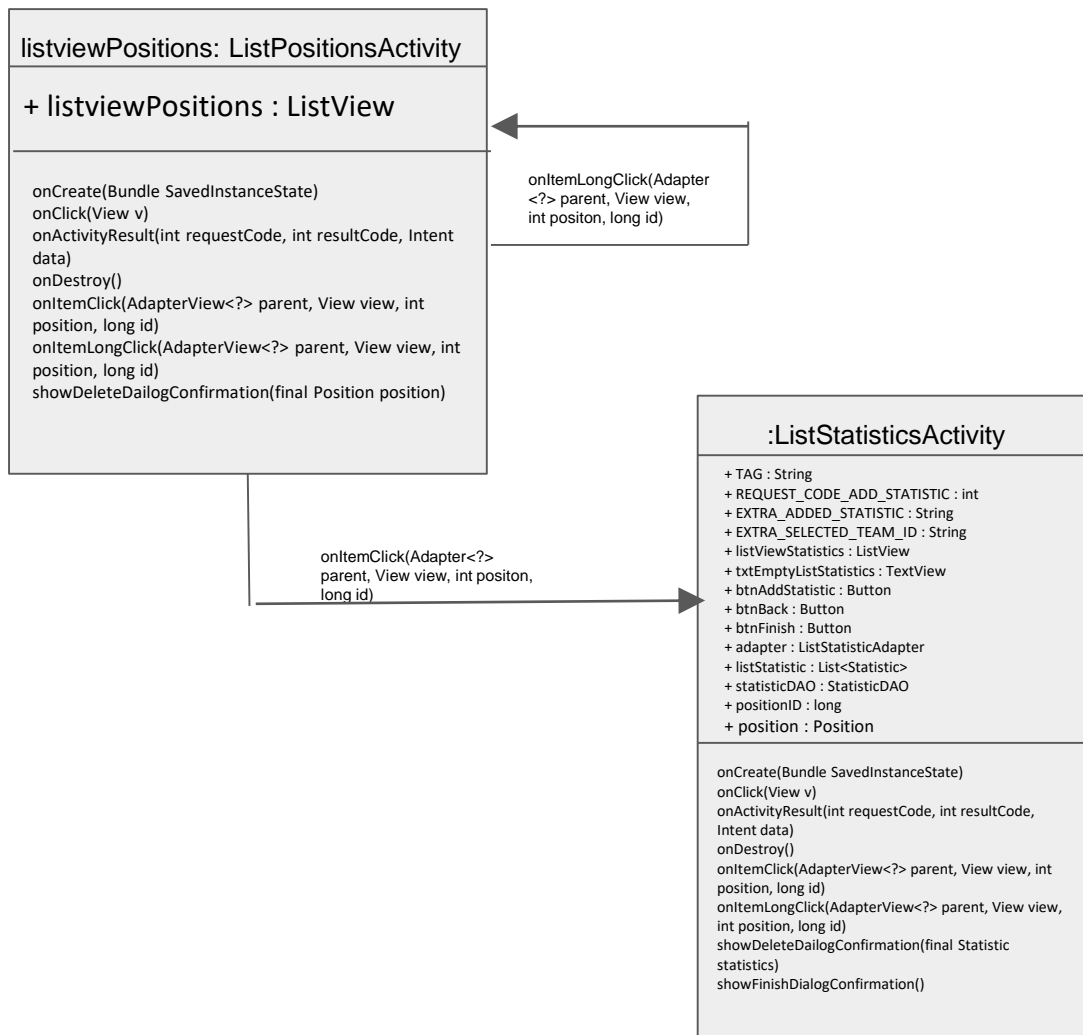


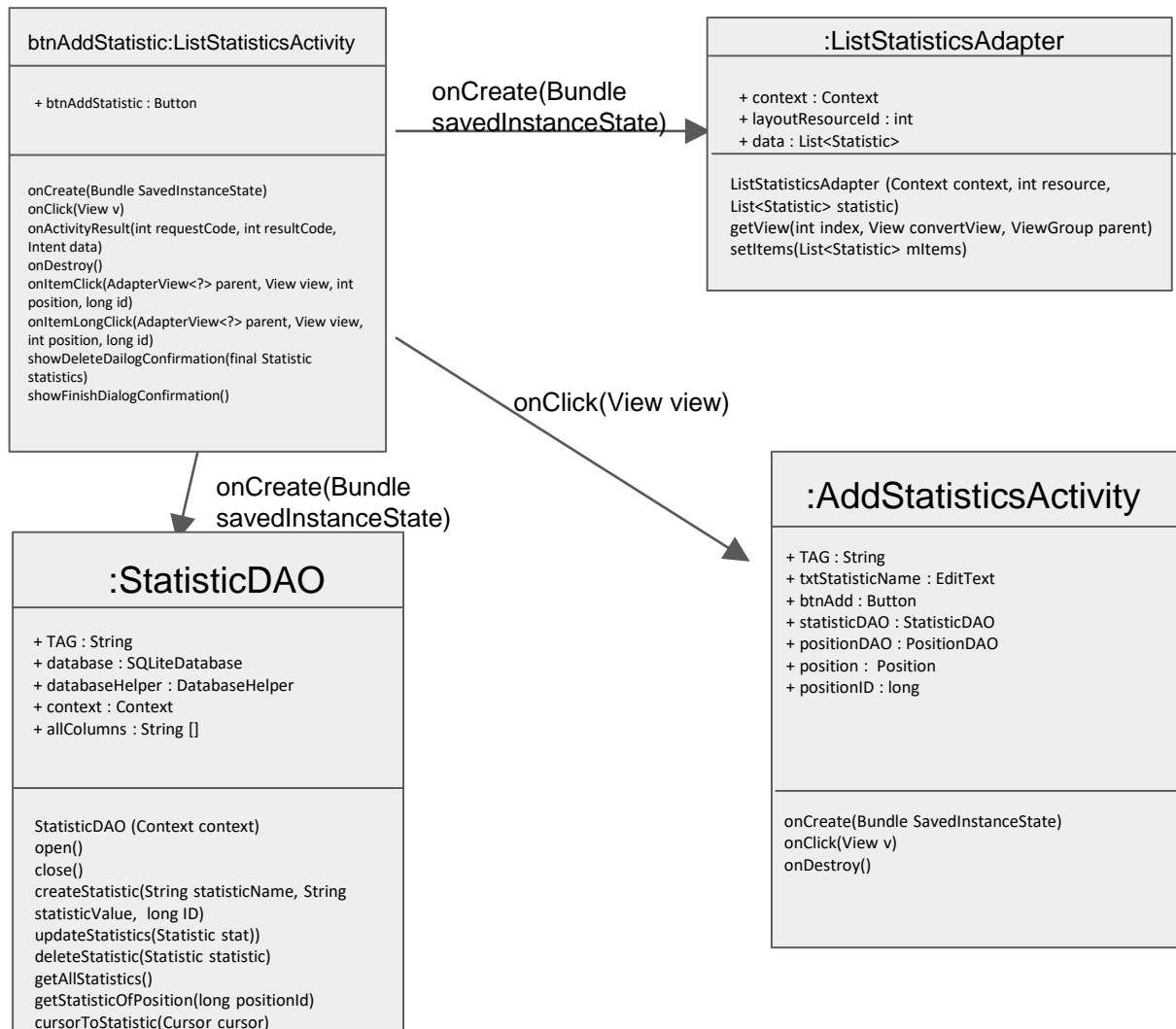


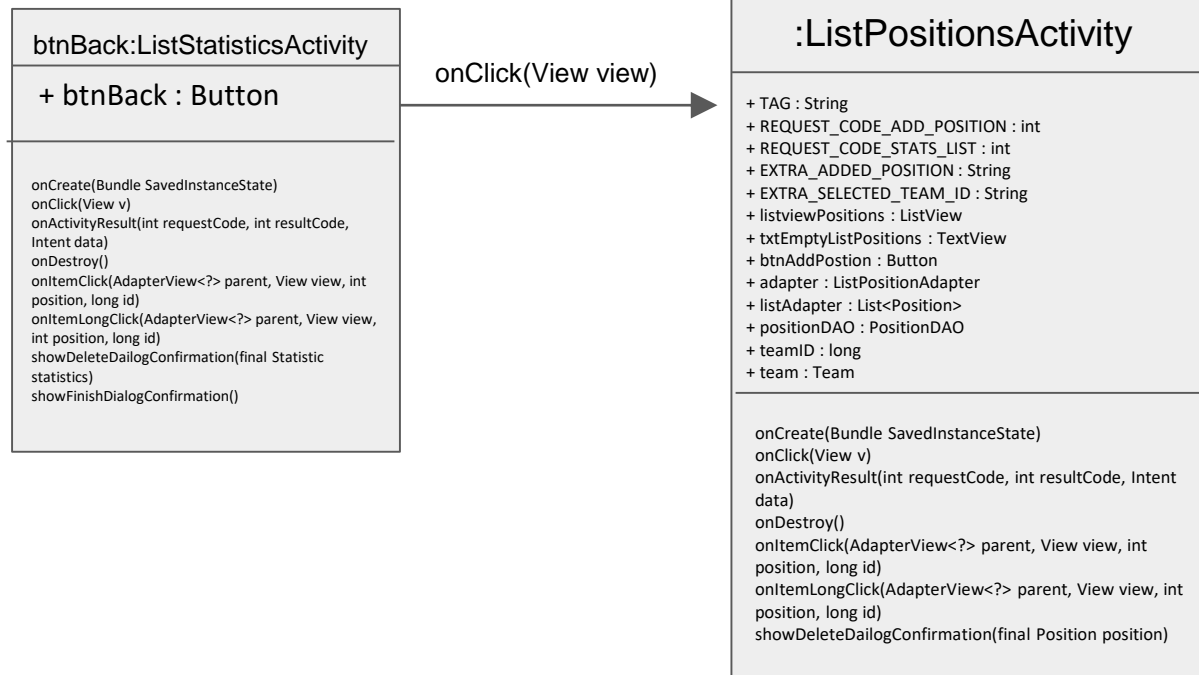


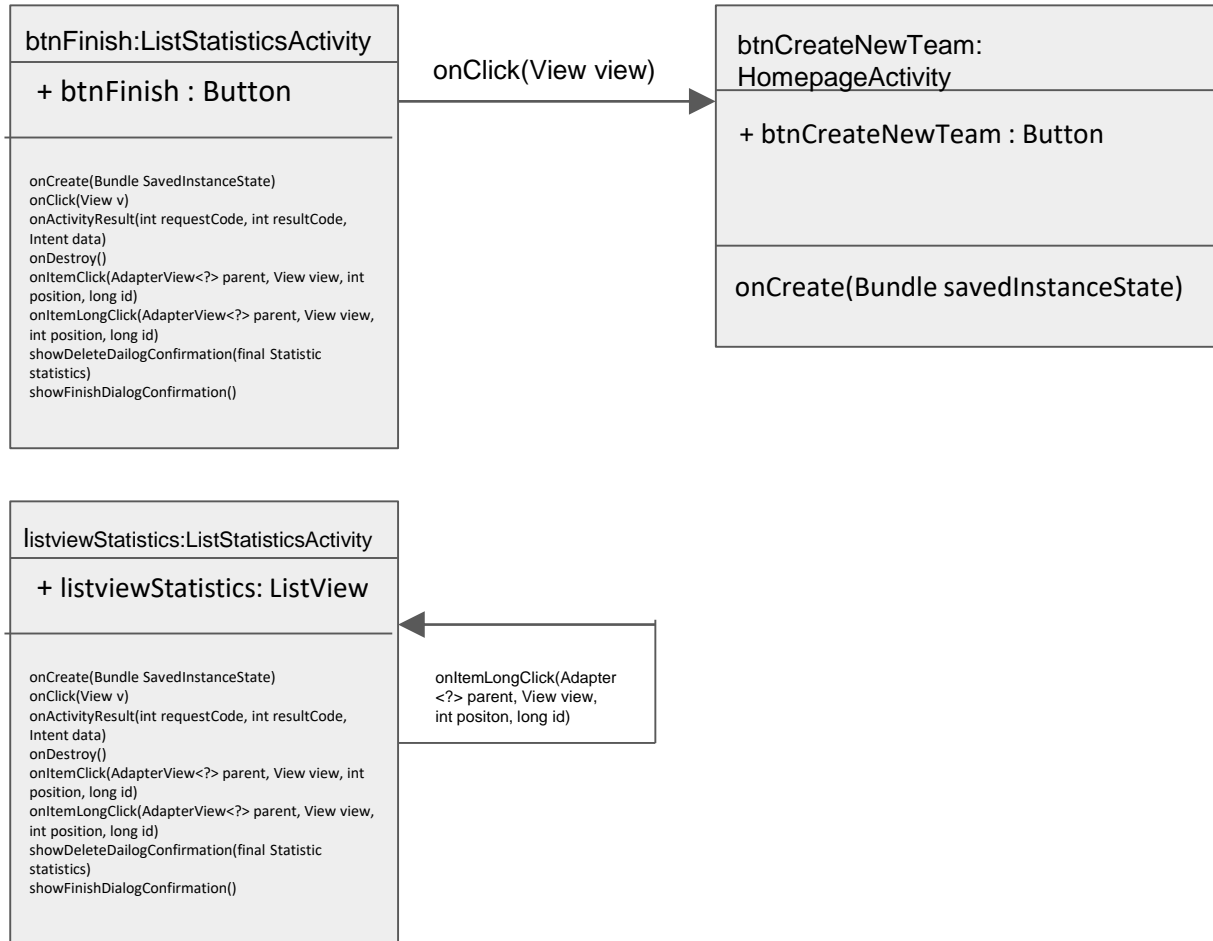


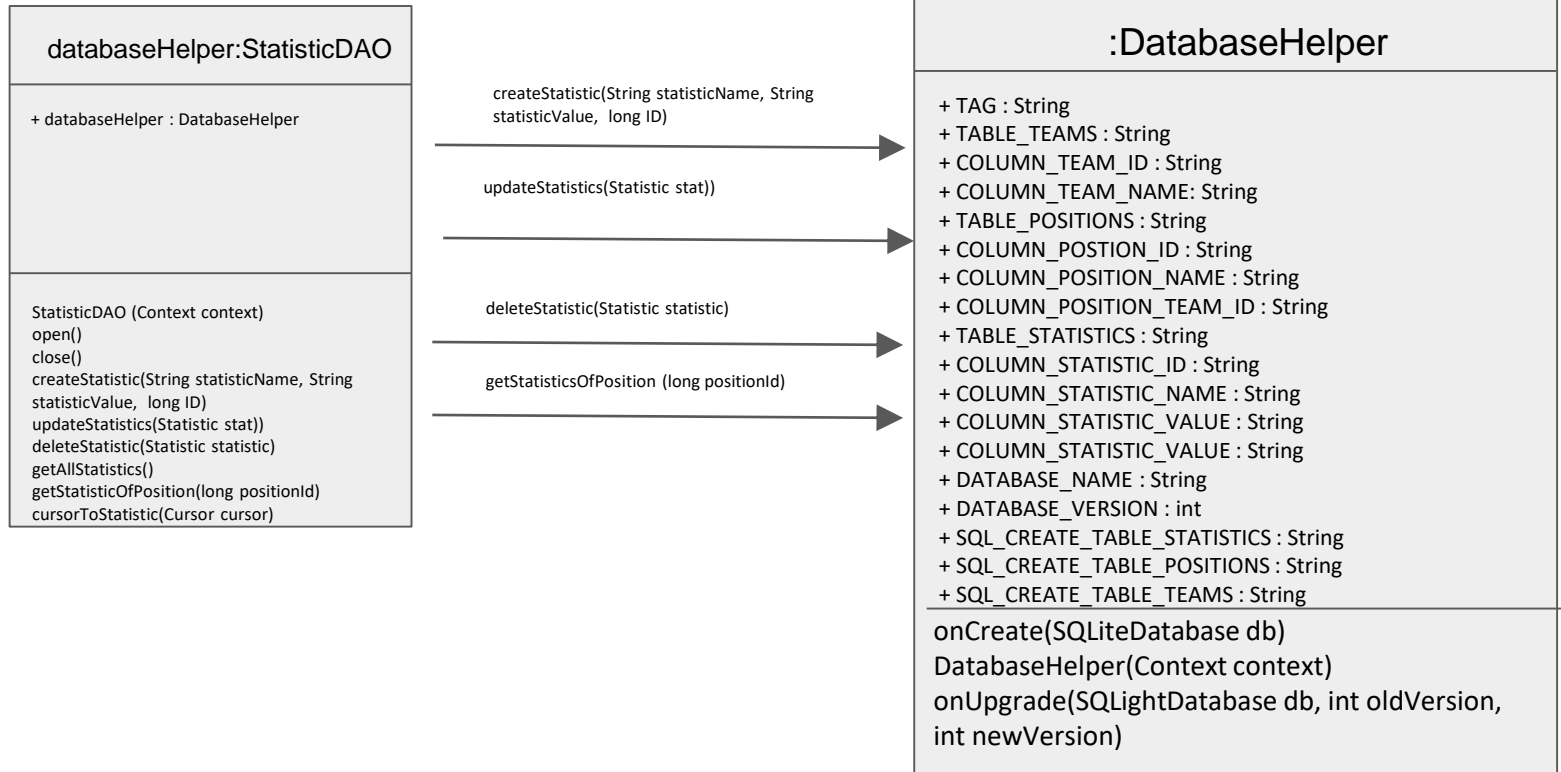












## btnExistingTeams:HomepageActivity

+ btnCreateNewTeam : Button  
+ btnExistingTeam : Button  
+ btnSettings : Button

onCreate(Bundle savedInstanceState)

onCreate(Bundle  
savedInstanceState)

## :ListTeamsActivity

+ listViewTeams : ListView  
+ TAG : String  
+ REQUEST\_CODE\_ADD\_TEAM : int  
+ EXTRA\_ADDED\_TEAM : String  
+ txtEmptyListTeams : TextView  
+ adapter : ListTeamsAdapter  
+ listTeams : List <Team>  
+ teamDao : TeamDAO

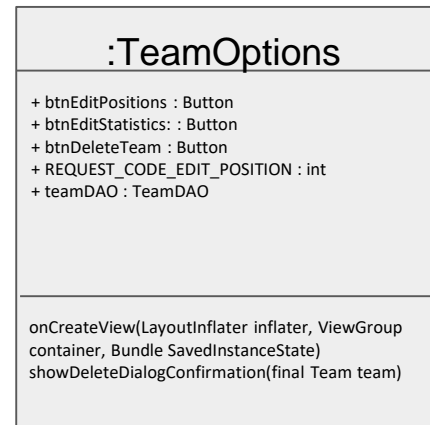
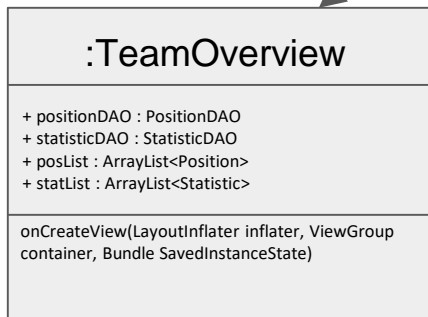
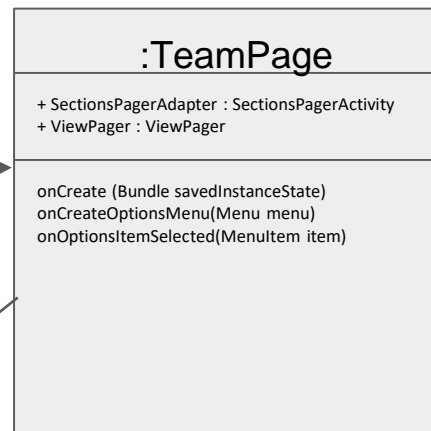
onCreate(Bundle savedInstanceState)  
onActivityResult(int requestCode, int resultCode, Intent data)  
onDestroy()  
onItemClick(AdapterView<?> parent, View view, int position, long id)  
onItemLongClick(AdapterView<?> parent, View view, int position, long id)  
showDeleteDialogConfirmation(Team clickedTeam)

## :TeamDAO

+ TAG : String  
+ database : SQLiteDatabase  
+ databaseHelper : DatabaseHelper  
+ context : Context  
+ allColumns : String []

TeamDAO (Context context)  
open()  
close()  
createTeam(String name)  
DeleteTeam(Team team)  
getAllTeams()  
getTeamById(long id)  
cursorToTeam(Cursor cursor)  
cursorToTeamById(Cursor cursor)

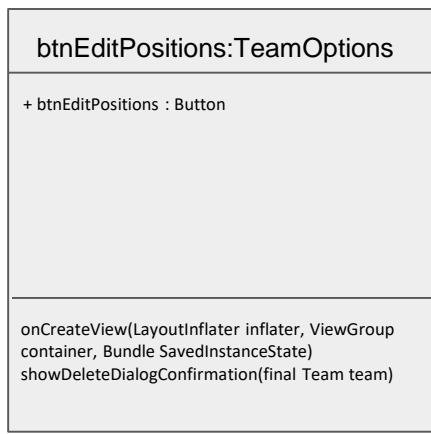




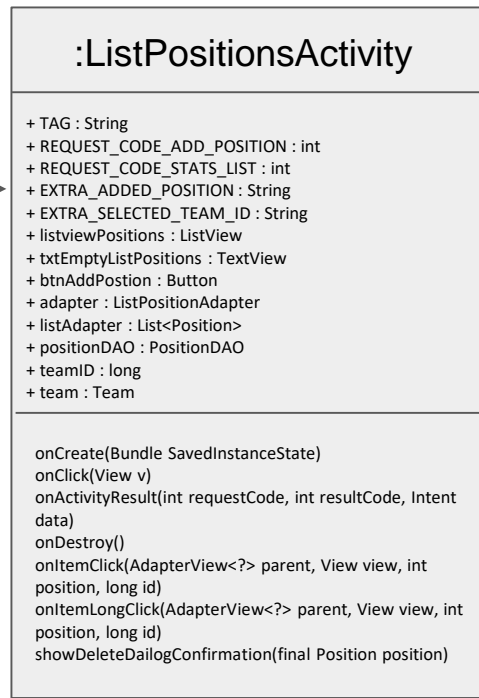
onItemClick(AdapterView<?>  
parent, View view, int position,  
long id)

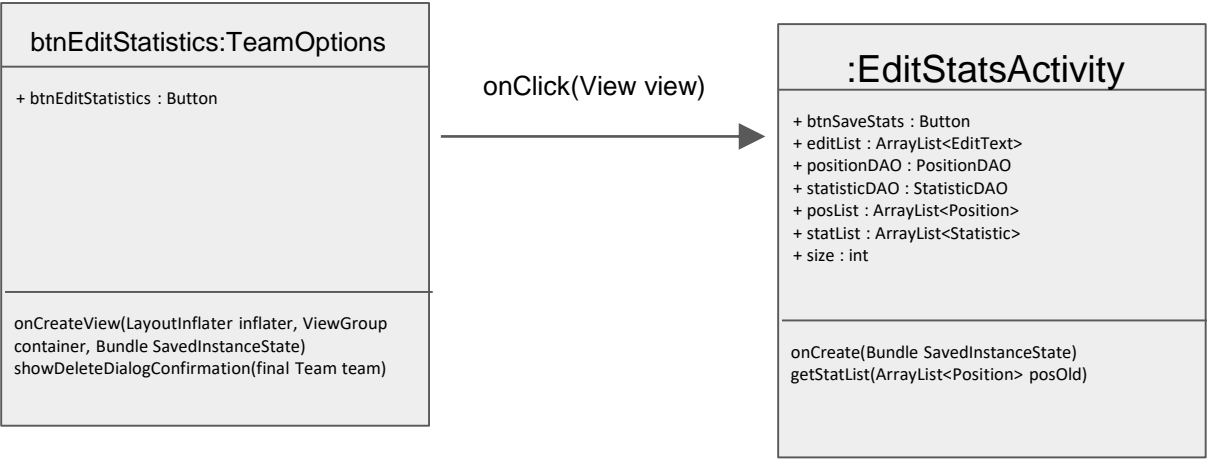
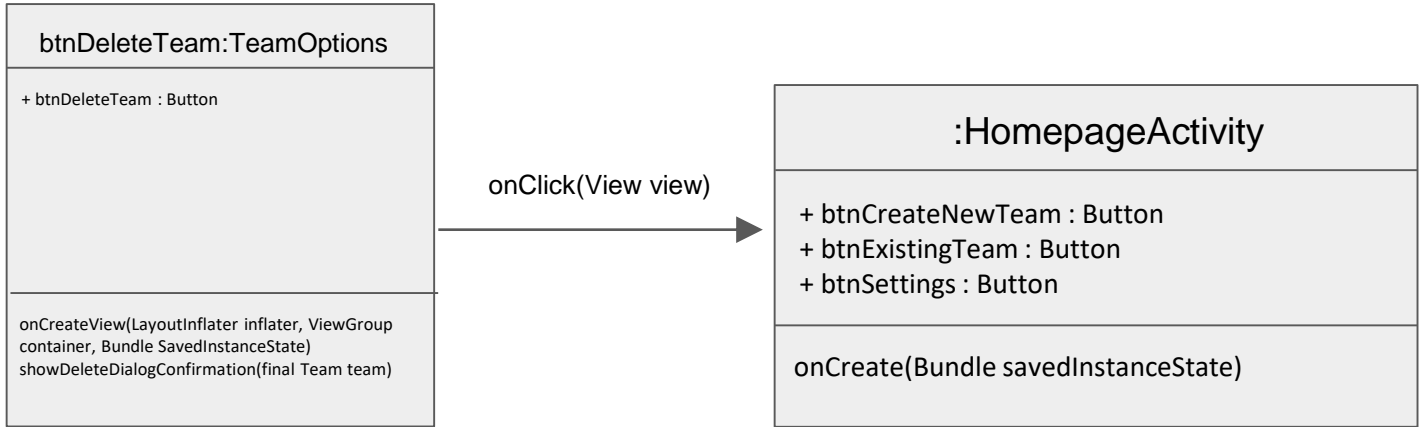
onOptionsItemSelected  
(MenuItem item)

onOptionsItemSelected  
(MenuItem item)



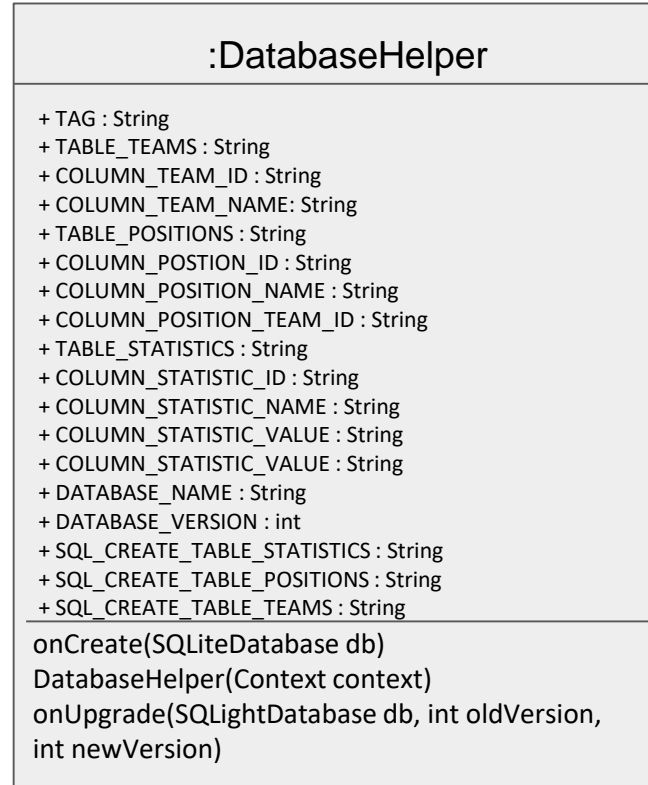
onClick(View view)

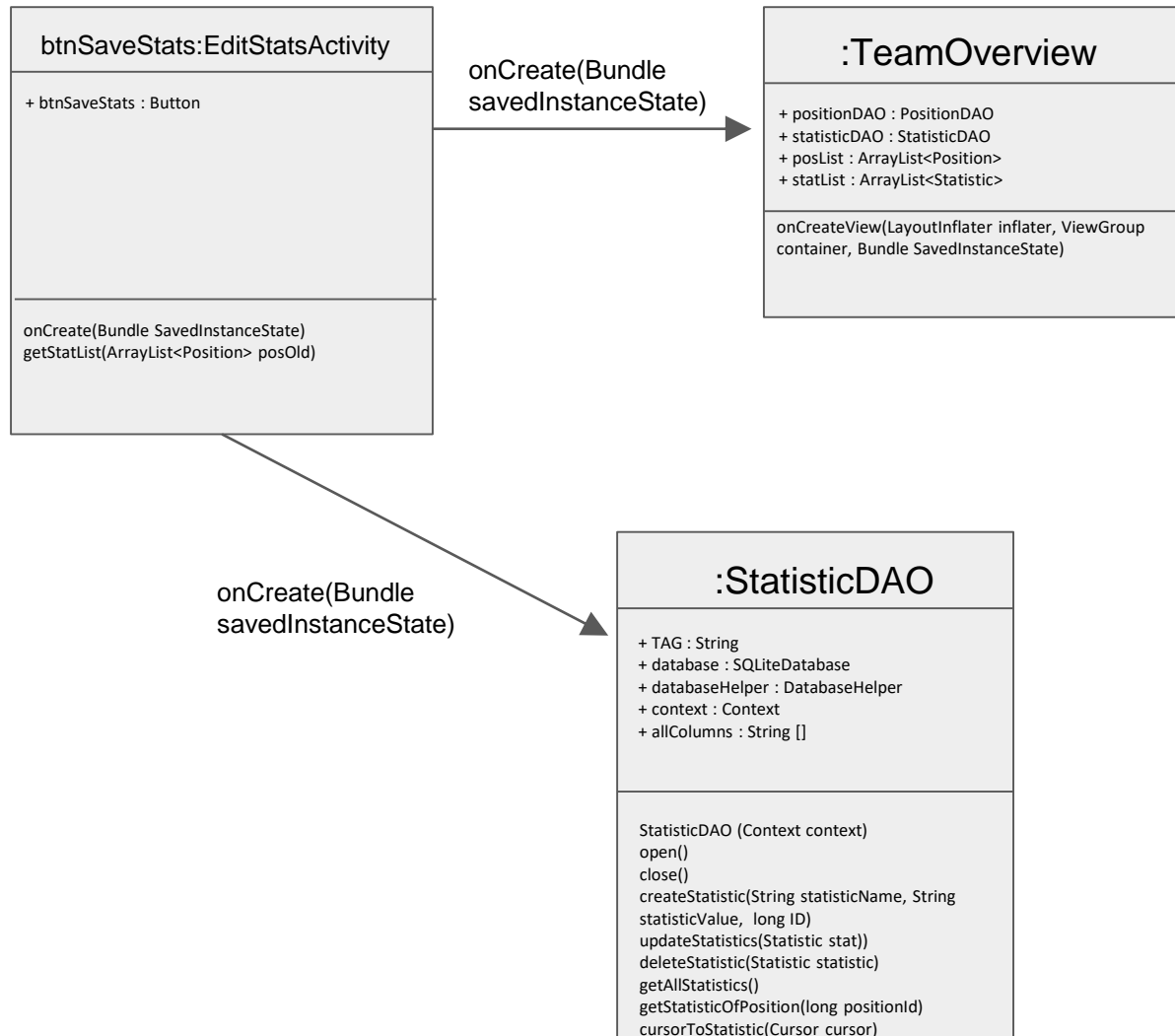




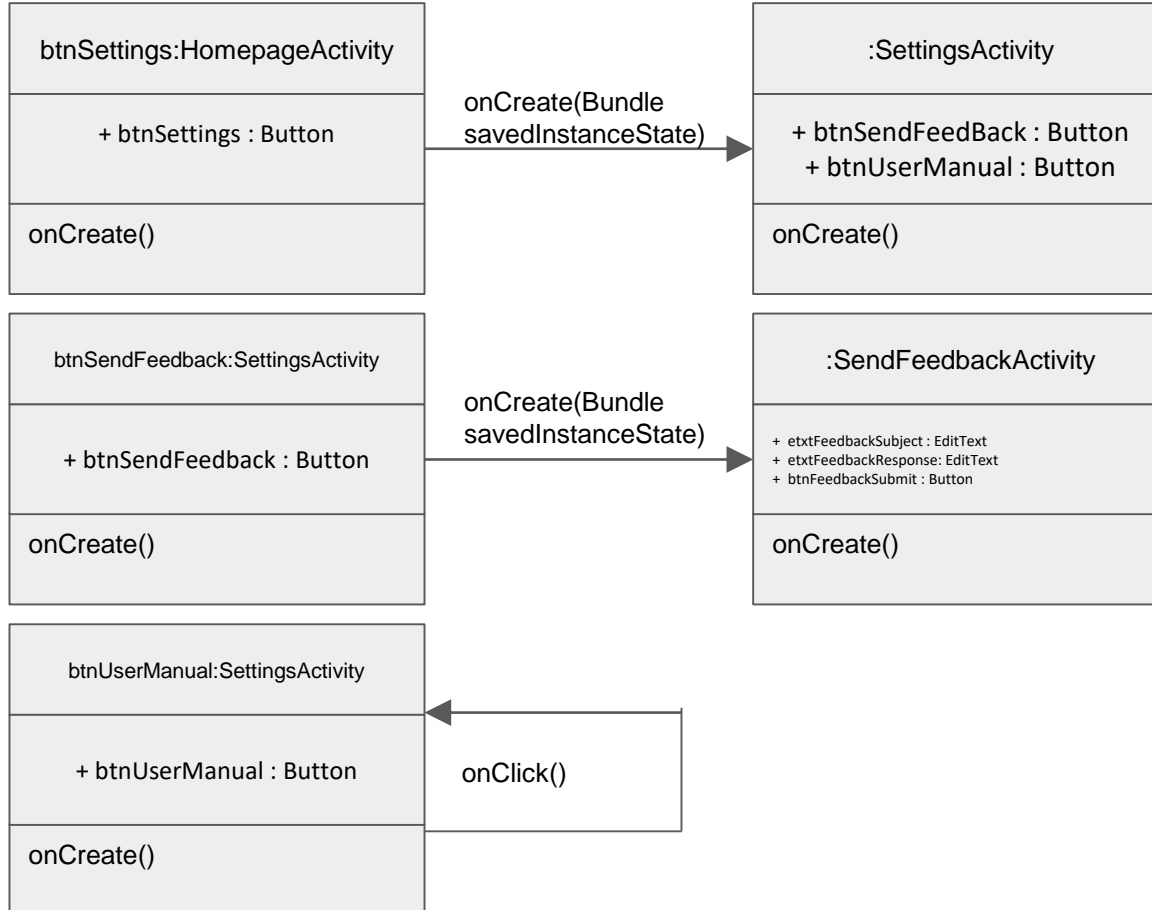


deleteTeam(team)

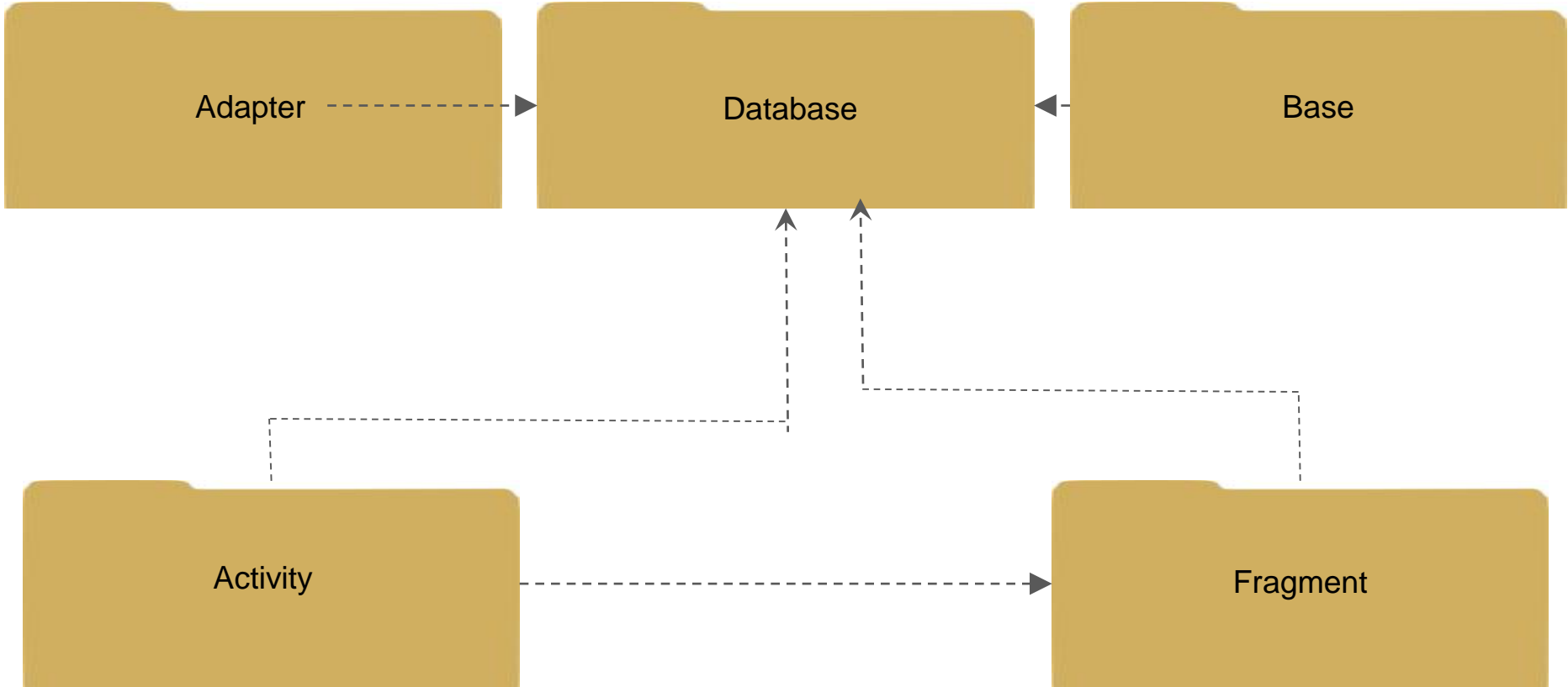




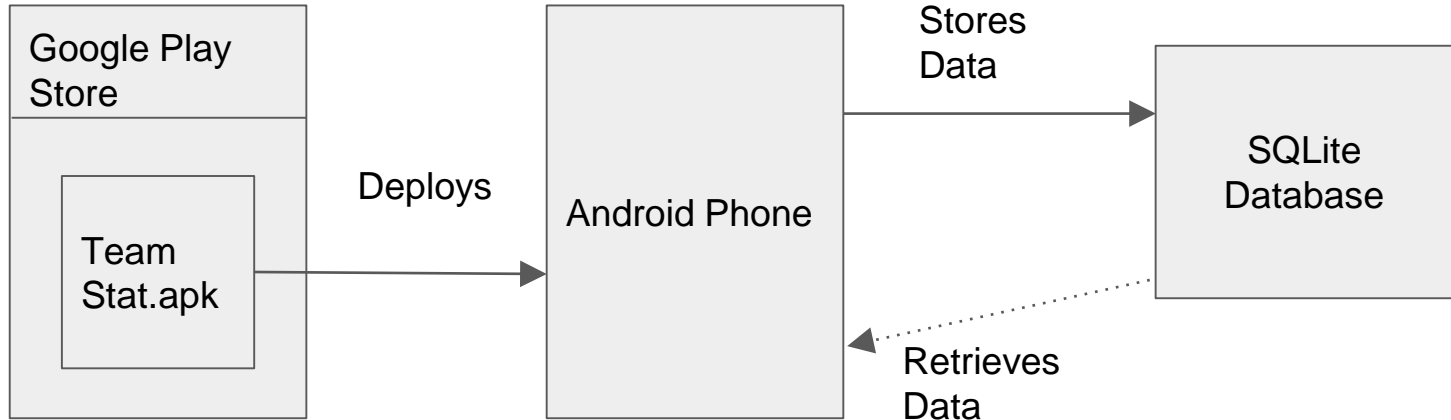
## End of Object Diagram



# Package Diagram



# Deployment Diagram

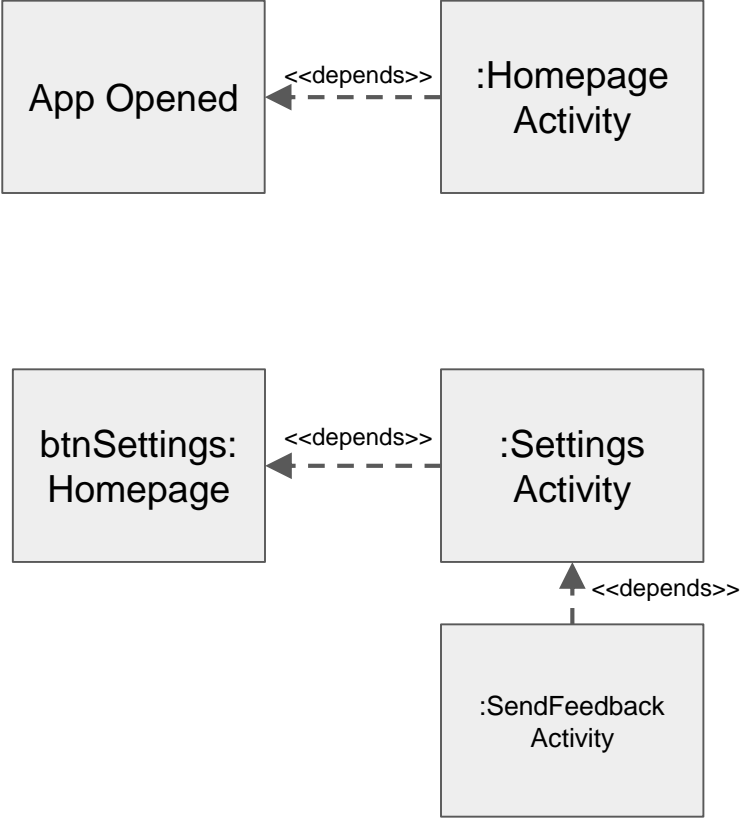




# Component Diagram Notes

- Spans the next two pages
- Please note there are multiple component diagrams per page. If there is no line connecting one of the boxes in a set of boxes, they are not related.

# Component Diagram



# Component Diagram

