



Rafael Braga, Robert Howe, Jason Nance

Problem Definition

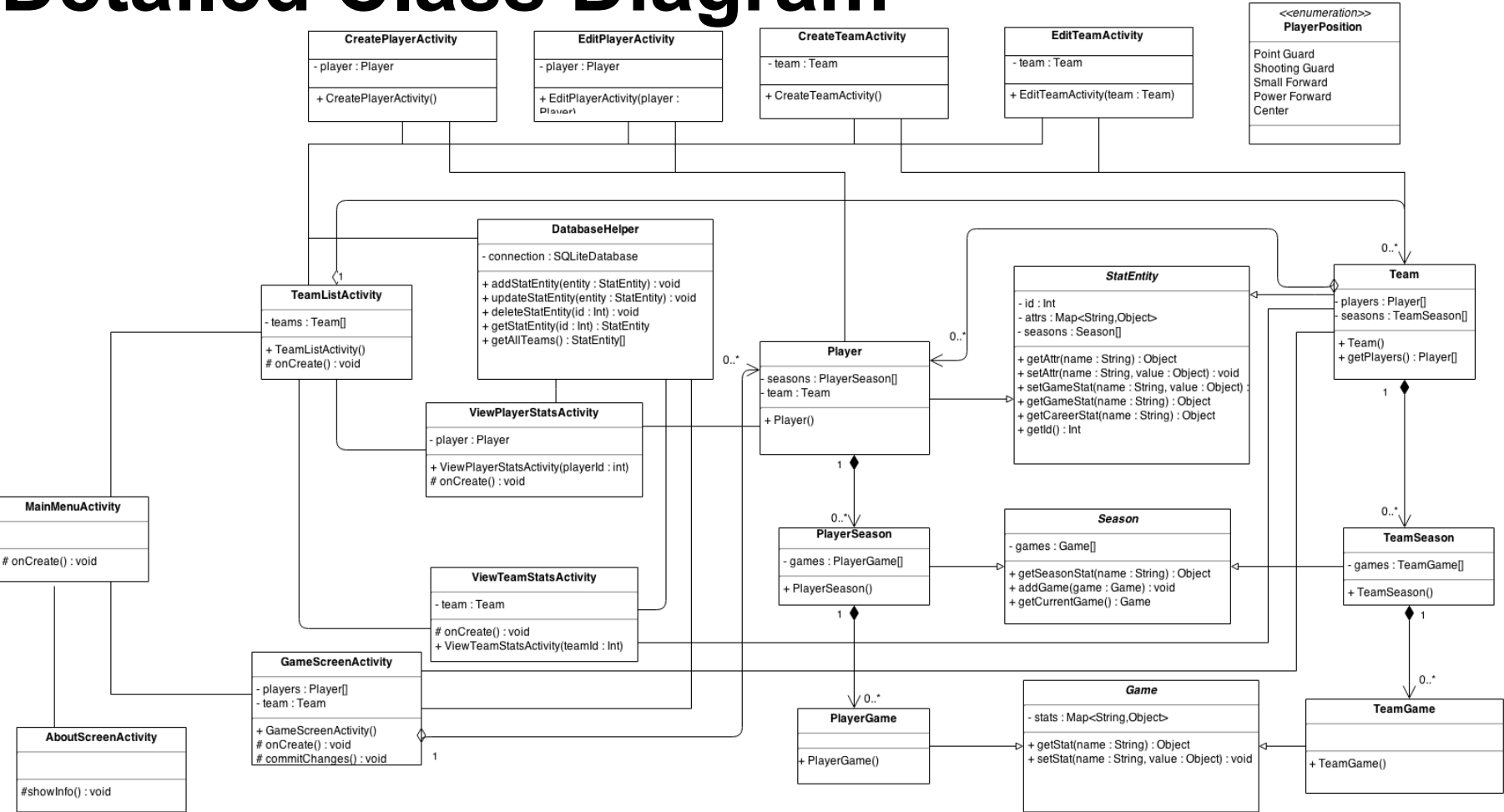


- Keeping track of paperwork can be a hassle
- Easy to forget to bring scorekeeping items of non-professional basketball game
- Aggregating stats is difficult with paper and pen

Scope

- Create classes for Roster, Player, Game, etc.
- Create effective database
- Ensure an intuitive user interface

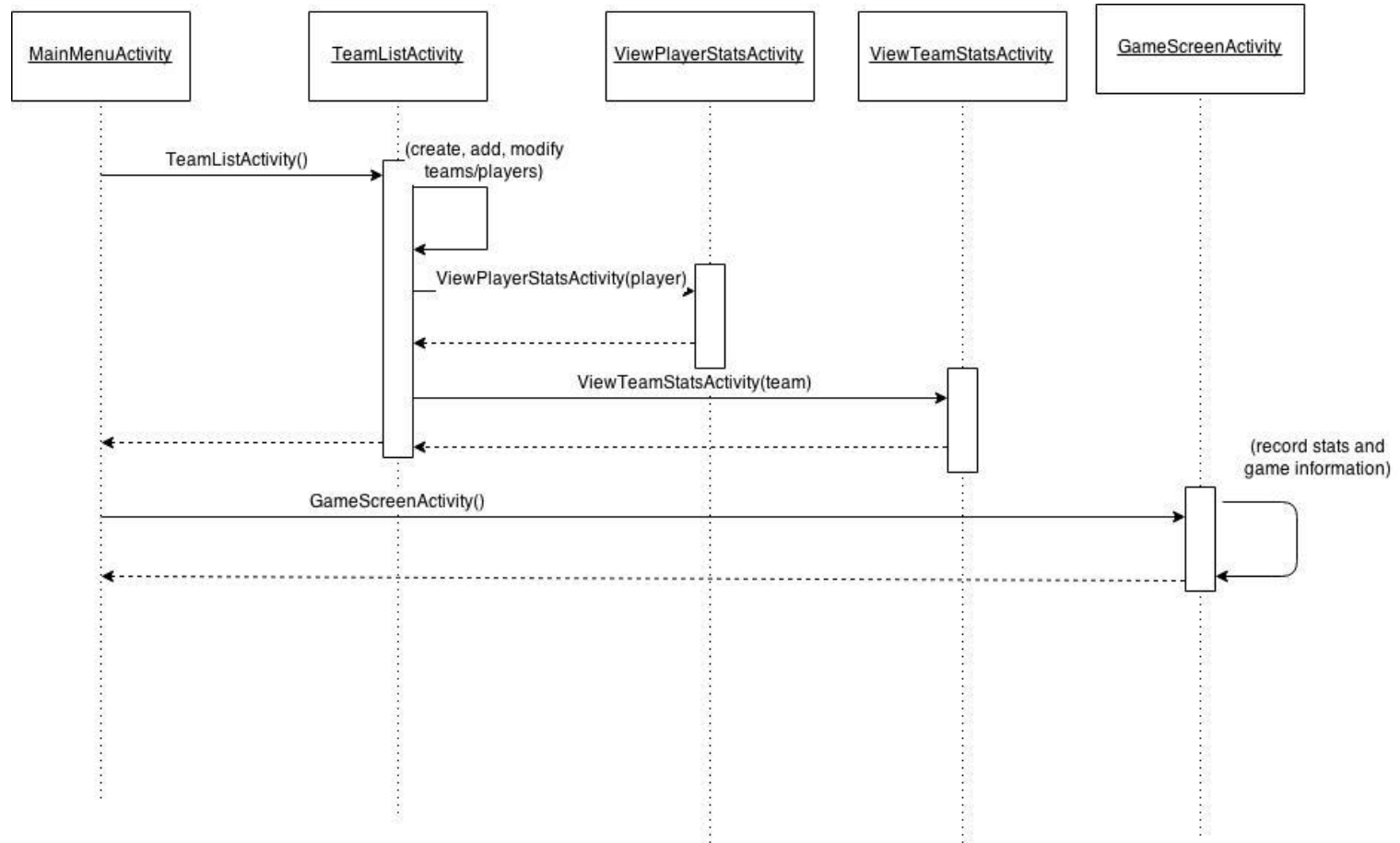
Detailed Class Diagram



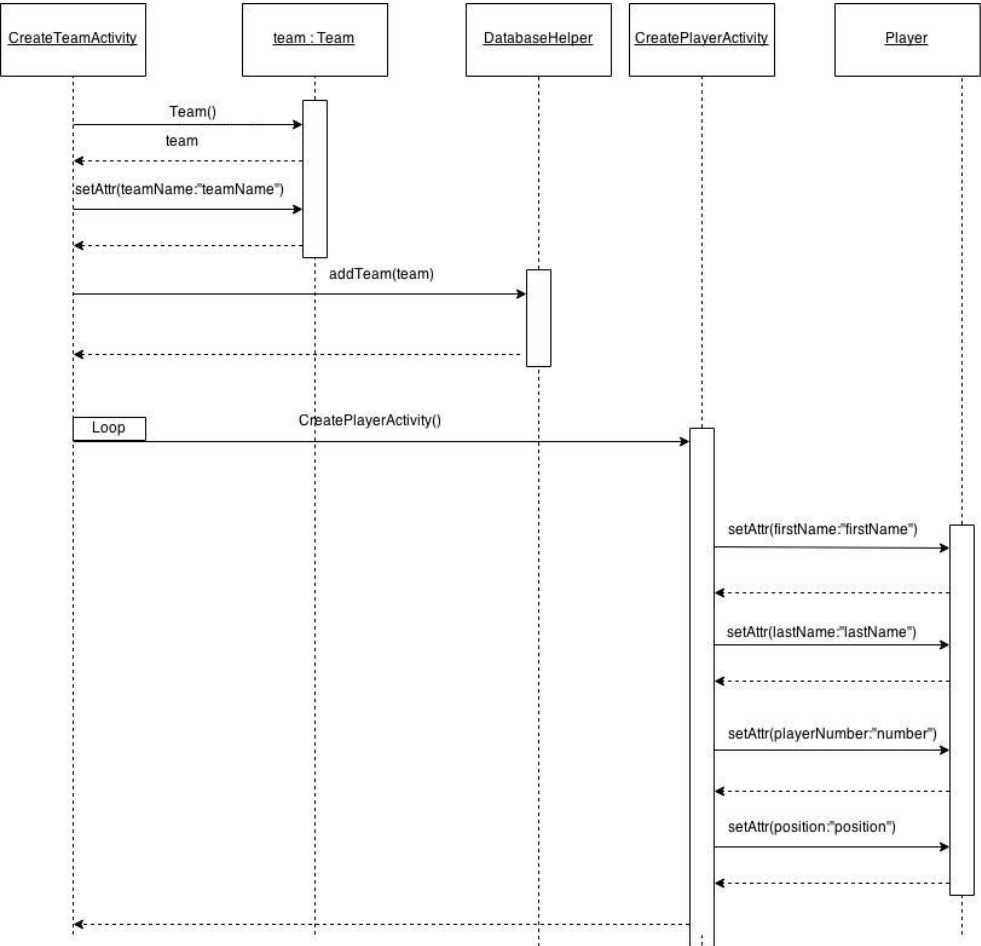
Sequence Diagrams

1. MainMenu
2. CreateTeamActivity
3. EditTeamActivity
4. EditPlayerActivity
5. AddTeamStat
6. AddPlayerStat
7. CorrectStatistic
8. EndGame
9. ViewTeamStats
10. ViewPlayerStats

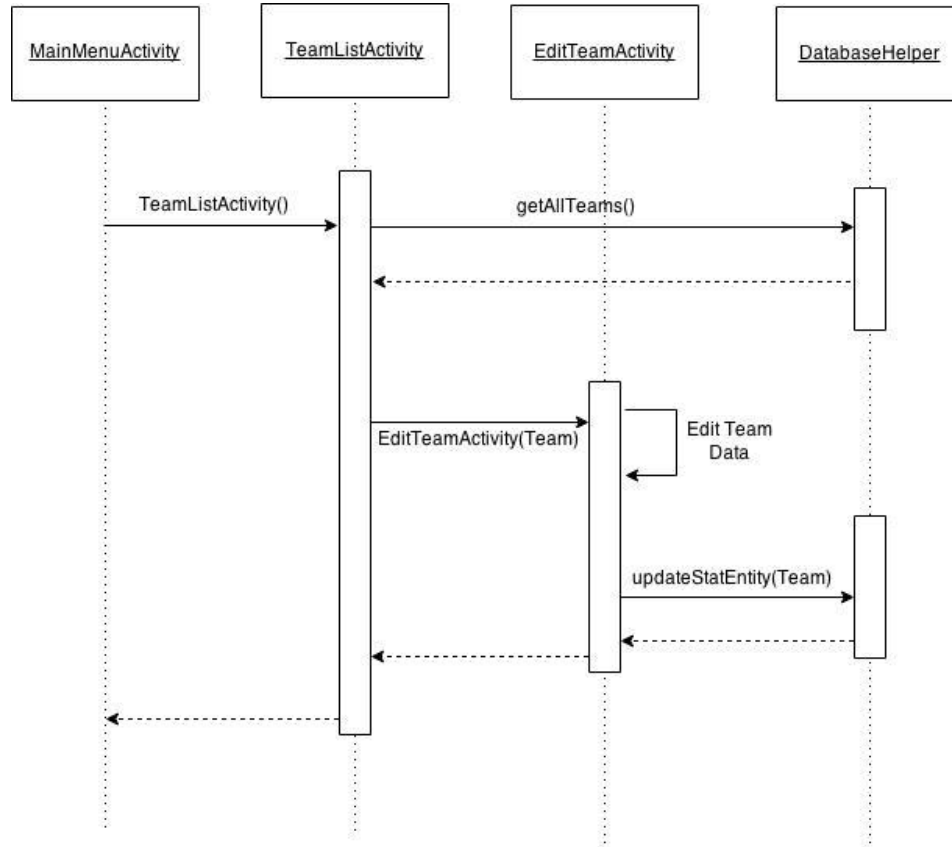
MainMenu



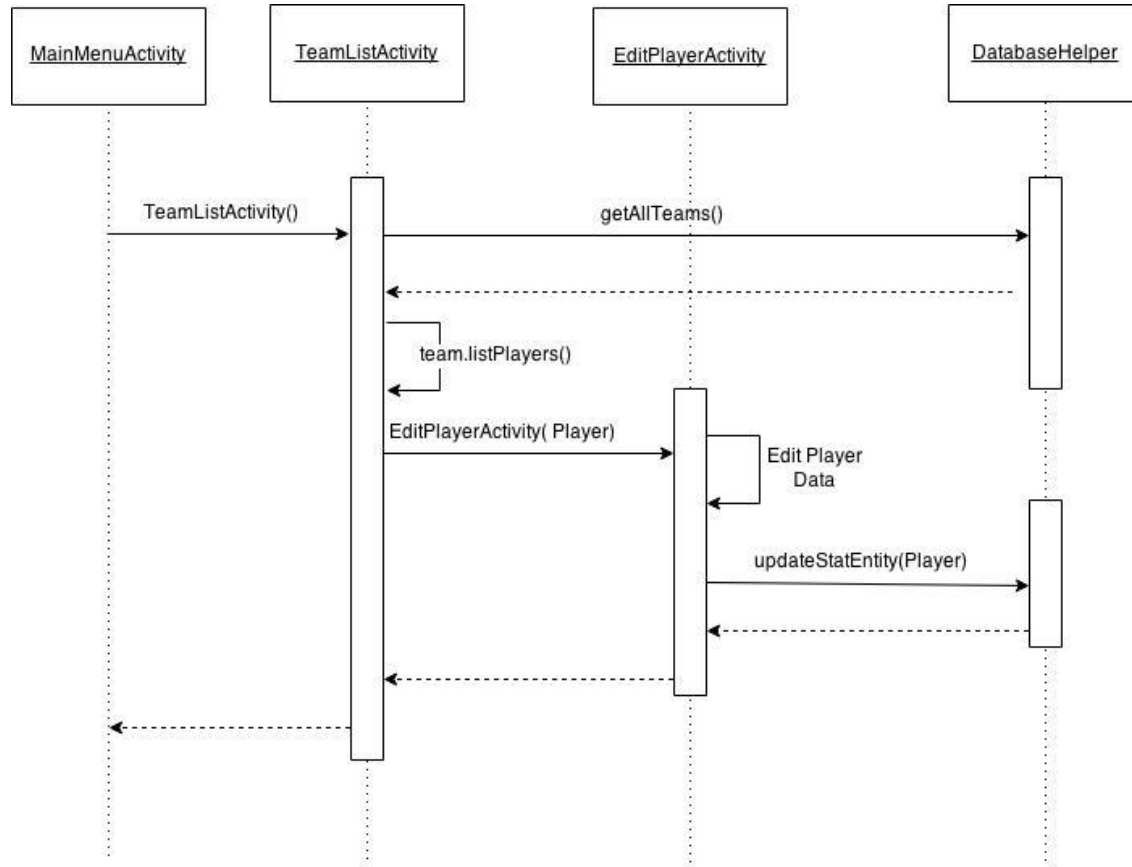
CreateTeamActivity



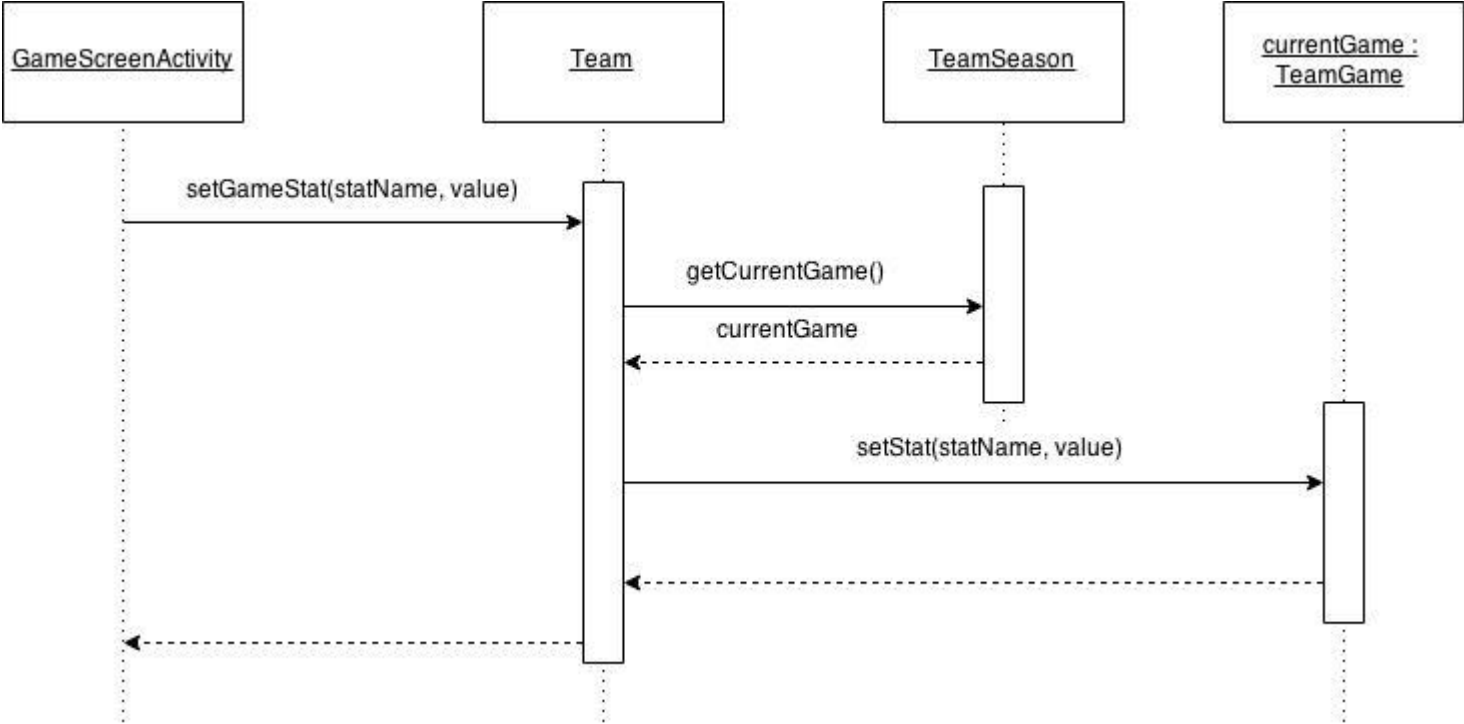
EditTeamActivity



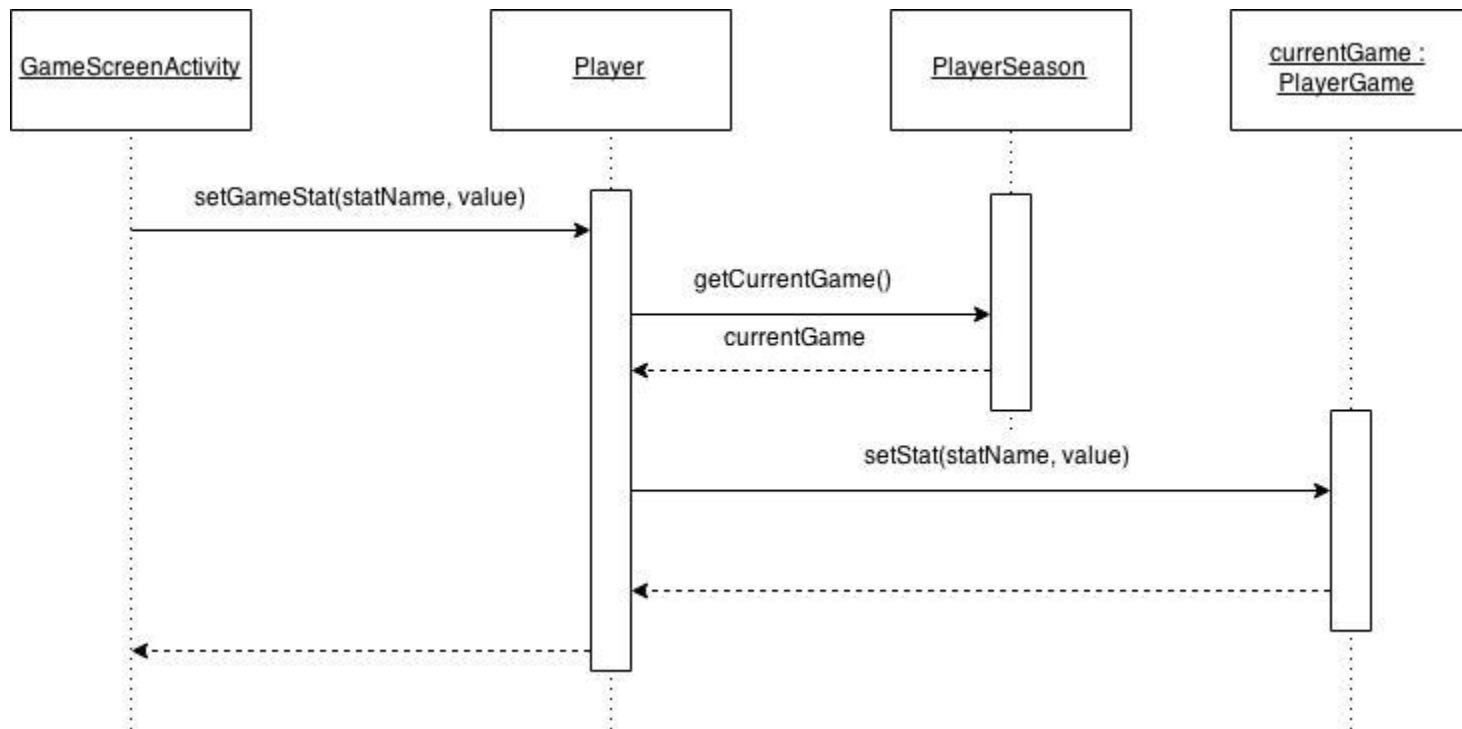
EditPlayerActivity



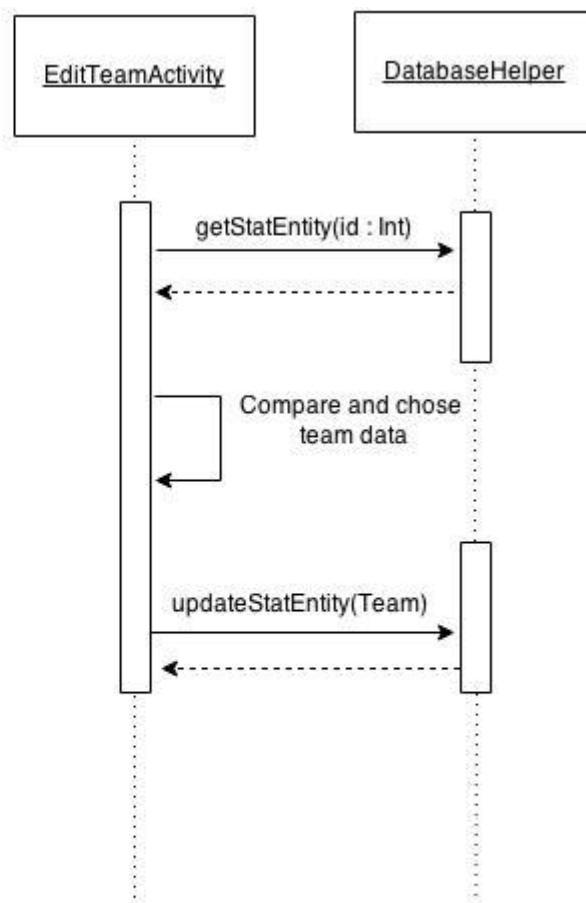
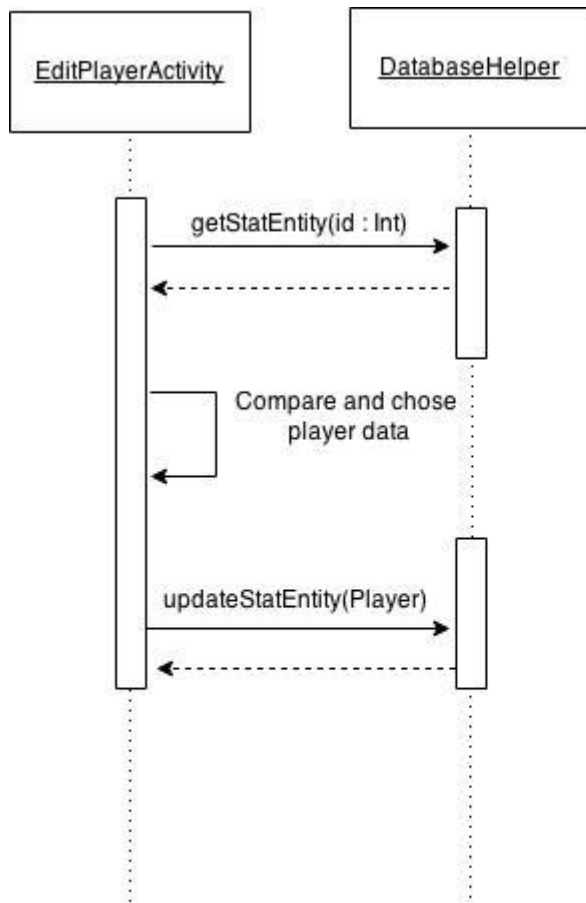
AddTeamStat



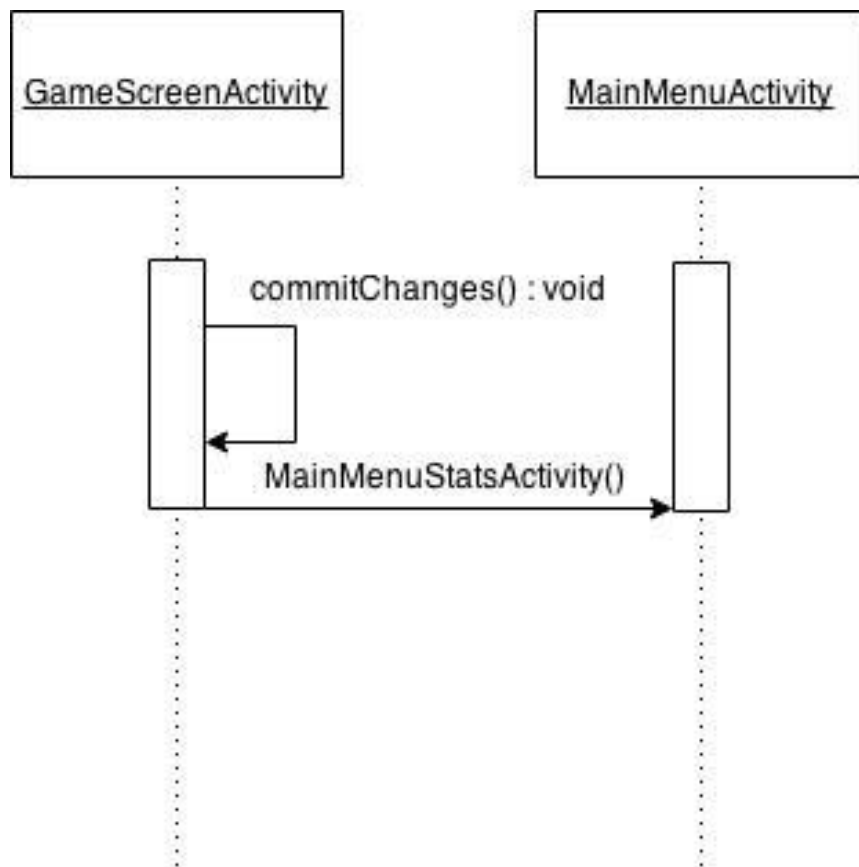
AddPlayerStat



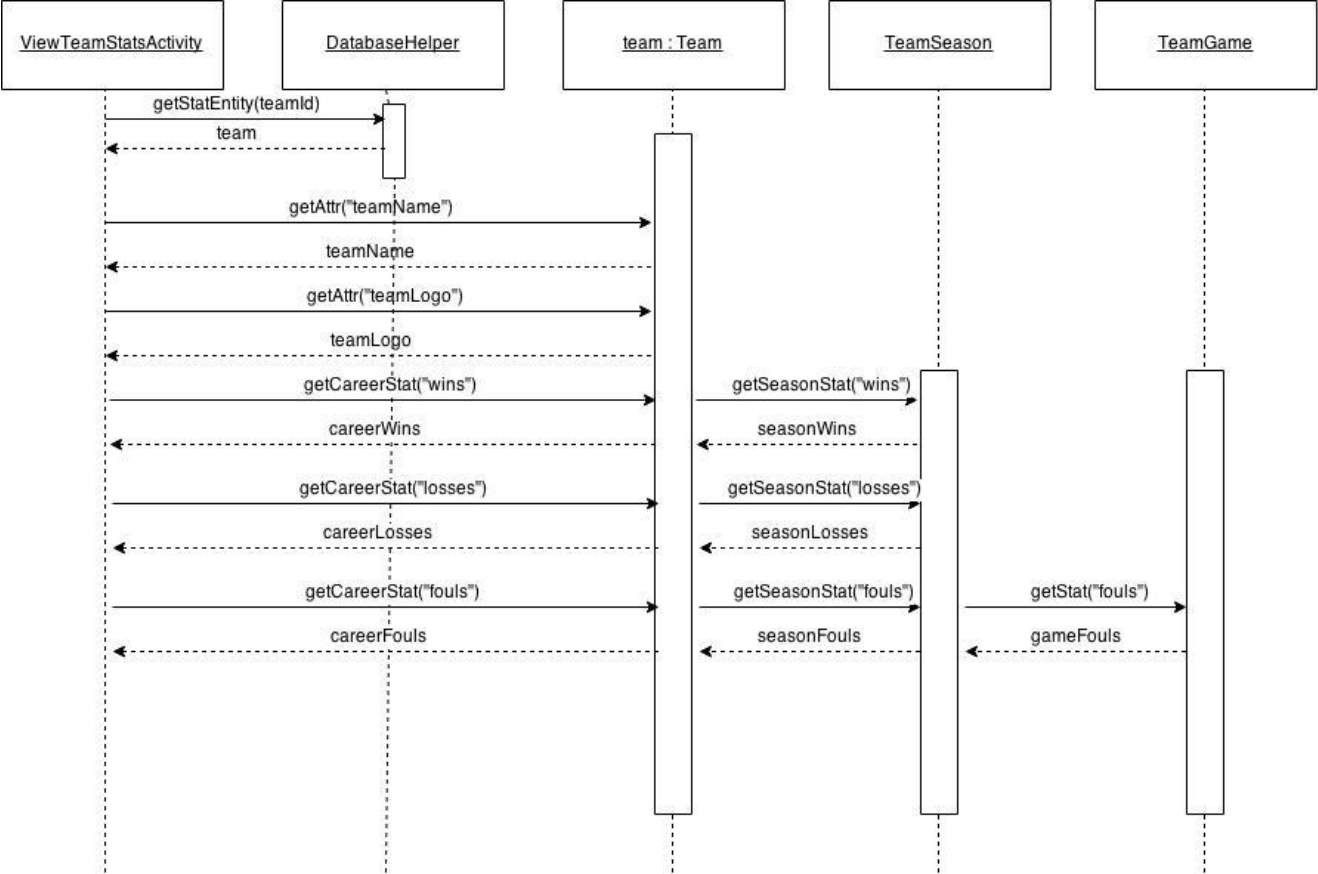
CorrectStatistic



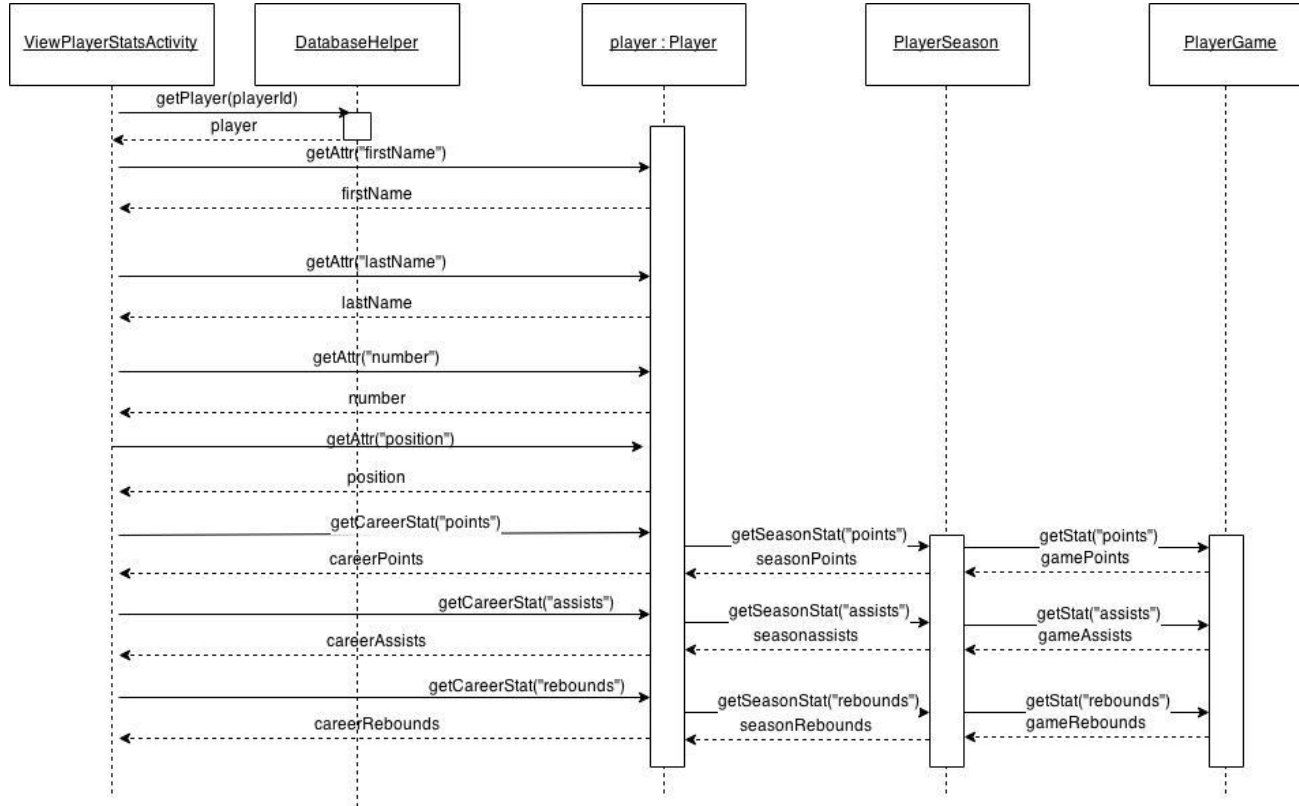
EndGame



ViewTeamStats



ViewPlayerStats



Changes Since Requirements

- Minor design changes
 - Different main menu format -- combined “View Statistics” and “Team List”
 - Generalization of players and teams -- most functionality is common

Summary Discussion of Project

- Try to do the best possible to make an effective application
- Implement as many required features that our ability with android allows
- Create a free and useful application