- Core features:
  - Persistent Storage:
    - Team information, locally
      - Dependencies
        a. A way to store data locally (SQLite, a file, etc)
        b. Knowledge
          - Database administration
          - Android
      - Primary Responsibility: Peter Dranishnikov
      - Steps (3-5 weeks total)
        a. Identify data that needs to be stored locally, surviving the termination of the app
        b. Determine relevant data types, structures, access times, and API(s)
        c. Program
  - Web Services (API, etc):
    - Team information, sync between all app users
      - Dependencies
        a. A program that handles the API
        b. A place to run the above program (cloud, old computers, etc)
        c. A place to store data generated by users (DB)
        d. Knowledge
          - Cloud/server hosting administration
          - Backend web development
      - Primary Responsibility: Gervonte Fowler
      - Steps (3 to 5 weeks)
        a. Choose a free web service that can handle databases efficiently
        b. Create a database that can store user information
        c. Interface with app
  - Location Services:
    - Presence of app users in rec area (geofence)
      - Dependencies
        a. Google Location Services

- b. Knowledge
  - GIS techniques
- Primary Responsibility: Jordan Gilpin, Karun Mackoon
- Steps (3-4 weeks)
  - a. Determine the location service the app will use (GPS, Cell Id, A GPS, etc.).
  - b. Begin research related to establish a Geofence/ Implement knowledge.
  - c. Choose locations that will trigger a response.
  - d. Create protocol for user interaction when Geofence is triggered.
- allow users to pick a spot on the map to schedule a meeting spot for training, team meetings,etc.
  - Dependencies
    - a. Google Location Services
    - b. Knowledge
      - Placing a pin with a view
  - Primary Responsibility: Jordan Gilpin, Karun Mackoon
  - Steps (3-4 weeks)
    - a. Create Geofence.
    - b. Enable interactivity for map interface.
    - c. Implement location sharing activity.
- ○ Account
- ○ UI Layout
  - Responsibility: Marckenrold Cadet
  - Parts (taken from design)
    - Login Page
    - Main Page/Team views
    - Calendar Month
    - Calendar Weekly/Agenda
    - Location Map
    - User Profile
- Testing
  - ○ Programmatic
    - Android Testing Framework

- ○ UX
  - ■ Preview app to numerous people and take notes on their interactions/suggestions.

- Project timeline:

Task	3/4	3/11	3/18	3/25	4/1	4/8	4/15	4/22
Persistent Storage	START	>>>>>	>>>>>	DONE				
Web Services Server		START	>>>>>	DONE				
Web Services Client				START	DONE			
User presence, Location		START	>>>>>	DONE				
Checkin, Location				START	>>>>>	DONE		
UI	START	>>>>>	>>>>>	>>>>>	>>>>>	>>>>>	DONE	
Testing			START	>>>>>	>>>>>	>>>>>	DONE	
Weekly Deliverables		x	x	x	x	x		
Final Report and Presentation							START	DONE