Zachary Sirotto
Richard Hamm
Jordan Harlow
Arthur Karapateas
Monica Lambrano
Sean Koji Tilley
Jorge Torres-Aldana
Juan Francisco Alfaro

Milestone 3 – Progress Report

1 User Stories Implemented

As a user, I would like to register an account with PinG!

As a user, I want to be able to see events in my vicinity.

As a user, I want to be able to create an event so other people can see it.

2 Who Paired With Whom

Jordan Harlow paired with Sean Koji Tilley.

Jorge Torres-Aldana paired with Arthur Karapateas.

Richard Hamm paired with Zachary Sirotto.

Juan Francisco Alfaro paired with Monica Lambrano.

3 Who Implemented What

IOS Development: Jordan Harlow and Sean Koji Tilley

- Developed the IOS GUI (Graphic User Interface).
- Developed touch and create event functionality for IOS.
- Developed a way to connect to the Apple Maps API.

Android Development: Jorge Torres-Aldana and Arthur Karapateas

- Developed the Android GUI (Graphic User Interface).
- Developed touch and create event functionality for Android.
- Developed a way to connect to the Google Maps API.

Database Development: Richard Hamm and Zachary Sirotto

- Developed the MySQL database schema.
- Implemented the MySQL database.
- Developed stored procedures for interacting with the middle-tier flask application.
- Developed a means of querying events in a given coordinate plane.

Middle-Tier Development: Juan Francisco Alfaro and Monica Lambrano

- Developed a way to interact with stored procedures.
- Developed a means of communicating with the front-end interface through geo json.

4 Design Changes / Unit Test Changes
- The back-end MySQL database / Flask application was transferred to a new server due to the limitations of the school's dbsrv2 server.
  - We are currently using 'Digital Ocean' to host an Ubuntu 16.04.1 LTS server with 1GB of dedicated RAM for running the back-end and middle-tier applications.
  - Having this server gives us ultimate flexibility to install the necessary packages, libraries, and modules for carrying out this project.
- Changed method for fetching events on map.
  - Instead of fetching a radius of events, we are fetching all events in the user's screen dimensions.
- SQL and Flask unit tests are implemented on the back-end Ubuntu server.
  - This is because additional libraries are required to be able to connect to the MySQL database.

5 Whatever Else That's Important
Include Sprint Backlog
https://github.com/PinGTeam/PinG/tree/master/backlogs

6 Print Screens of GitHub Wiki
(Will include print screens of all meetings posted on github wiki)

7 Git Log
As of 10/6/16: (needs to be updated)
https://github.com/PinGTeam/PinG/blob/master/Archive/Best-Team/gitlog.txt
(will be copied and pasted here)