**Team 41 - AndroidNachos - PartyGuardAndroid - Gandhapuneni**

**Client Name:** Jacob Stansbury

**Team Roles and Responsibilities:**

Primary contact: Rakshith Anand  
Client management: Vinod Kumar Kurma  
Requirement management: Seshu Kumar  
Data management (REST services): Sridhar Yerasi  
Quality & Testing Management: Ashish Peruru  
Documentation & Communication Management: Harish Yeddluri  
Issue Management: Harish Reddy Yanala

**Project roles and responsibilities:**

* I am responsible for designing the User Interface & business logic for Fraternities and Report Issue screens. I am also responsible for connecting these screens to the to the rest services.
* The work is going as per plan.
* This work is not required directly. But, the code that we are currently working will help us to complete our screens in time.

**Accomplishments:**

* As our team has the dependency on services, I am working on functionality that involve pulling json from an api and handle them in the android lists. I created a new repository and performed this test in a project - 4 hours.
* Gave access to Srujan & Dr. Hoot to the new Repository
  + **Repository URL:** https://bitbucket.org/s525339/json-android-analysis
  + Note: The above repository consists only my commits.
* Completed functionality of finding the distance of a location based on given latitude and longitude. – 3 hours
* Checked-in the code to BitBucket.
* Helped my team members to understand about json and gave a demo of this functionality - 1 hr
* Copied Dr. Hoot and Dr. Case in all my emails to Services and Web application teams.
* I created an Entity diagram document that would help the services team to create their database. I also interacted with web application team to fill the gaps regarding data mapping – 3 hours
  + Artifact - https://drive.google.com/drive/folders/0By5v-xaILwvHWlBJajJyNk5MR3c?usp=sharing
  + Note: Open the entity diagram (XML) in http://www.draw.io
* Got KT from services team regarding the procedure to create the webapi and publishing procedure to Azure - 2 hrs
* Installed required software for Coding on Azure webservices - 2 hrs

**Planned work this week:**

* I will start working on api layout of Fraternity screen before starting with the code of the service– 2Hrs
* Will create the entities related to Fraternity using Entity Framework in .Net - 3 hrs
* Will introduce a dropdown for universities in the action bar of Fraternities screen. By selecting an option from the action bar, the list in the fraternities screen will be refreshed - 4 hrs
* Will implement singleton pattern that can be used by report issue and Location screen to create an issue – 1 Hour
* Will Prepare Unit test Case document for Fraternity screen – 1 hour
* As Fraternity service is yet not available, I will continue with the business logic of Fraternity screen once the service is ready in this week - 4 hrs
* Will check-in the code to BitBucket and will resolve merge conflicts– ½ hour
* Will meet with my team members to plan for the next week schedule – ½ hour
* Will work 3 hrs a day in this week

**Future tasks:**

* Week 5: Functionality, linking to kinvey and rest services for “Fraternities”.
* Week 6 & 7: Functionality, linking to kinvey and rest services for “Report Issue”.
* Week 8: Integration of all the screens and completion of core functionality
* Week 9: Integration and unit testing.
* Week 10: Integration Testing with all the other modules (Services, Web and iOS)
* Week 11: Support for QA Testing
* Week 12: Support for UAT Testing

**Repository path:** https://bitbucket.org/gandhapuneni03/partyguard-android (Links to an external site.) (Links to an external site.)