**Title: Team 41 - AndroidNachos - PartyGuardAndroid - Yerasi**

Team 41 - AndroidNachos - PartyGuardAndroid - **Yerasi**

Jacob Stansbury

**Team Roles and Responsibilities:**

* **Primary contact:**Rakshith Anand
* **Client management:**Vinod Kumar Kurma
* **Requirement management**: Seshu Kumar
* **Data management (Kinvey & 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, functionality of the screens- PG Team and Alerts.
* I have completed the User Interfaces and complete functionality for the “PG Team” and “Alerts” screen.

**Accomplishments**:**What I have done**

* Worked on writing comments to each and every java class and methods. Estimated 15 hours
* [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/026610708e200d1bd2078d589215bf597863e925(Links to an external site.) (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/026610708e200d1bd2078d589215bf597863e925)
* [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/a826d7cc0b6de3c7f0d27ab27ad8754c2c643677(Links to an external site.) (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/a826d7cc0b6de3c7f0d27ab27ad8754c2c643677)
* [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/4d05edd2f8328867f661aed3502f29b41b378bc3(Links to an external site.) (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/4d05edd2f8328867f661aed3502f29b41b378bc3)
* Toggle button fully implemented. When user clicks on image toggle button would be set on/off [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/52df710798362d067261e991a6d5e89b706c6a5b (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/52df710798362d067261e991a6d5e89b706c6a5b)
* Grid lines added. [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/8caf59cef989d3cf9d5a6439d222197f02ba3db5 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/8caf59cef989d3cf9d5a6439d222197f02ba3db5)

* Profile button added. When click on it ,the 'guard profile info' page would be triggered [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/44bb7e1e4c7ae11ae15e3fdb1cb4f7b363e46c73 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/44bb7e1e4c7ae11ae15e3fdb1cb4f7b363e46c73)
* Integration with PG team service [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/2ed42756cc1411935f03a412664e092cad6dbd68 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/2ed42756cc1411935f03a412664e092cad6dbd68)
* PG team - Guard profile implemented [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/965442003f3ccc39d97b28a9d84158402b8fa828 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/965442003f3ccc39d97b28a9d84158402b8fa828)
* Toggle button is fully implemented and lines between grid items are drawn as per design [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/23657525bfe2e393811e87abd89e364f3b0a844d (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/23657525bfe2e393811e87abd89e364f3b0a844d)
* Grid items image's names and toggle buttons added. [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/8bb7154bdc567f8553d16501c3c58cc266387013 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/8bb7154bdc567f8553d16501c3c58cc266387013)
* PG team screen has been populated [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/9fa1ee88339a107f7818055366b6d4546f05f5cf (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/9fa1ee88339a107f7818055366b6d4546f05f5cf)
* Login activity changes [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/42458f85bec0b3dad38fa0fa8563313b991ece8e (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/42458f85bec0b3dad38fa0fa8563313b991ece8e)

**Things that I have learned:**

* As I was new to android, I have started learning android during GDP-1 and I have implemented that knowledge in developing this application.
* Learned how to use Android Studio.
* I have learnt how to use bitbuket for sharing the code with the other members in the team effectively.
* I have also learnt the impact of “.gitignore” file, which did not let us push our code during our first commit.
* Learned how to use source tree for pushing code into Bitbucket.
* Learned how to user Postman for testing the response of the services given by the services team.
* I learnt how to implement singleton design pattern in java.
* I have learnt how to integrate services with the android application.
* I have learnt how use JSONLINT for finding the syntactical errors in the JSON data.
* Learned how to read JSON data from JSON file and parse it.
* Learned the concept of shared preferences in android.
* Learned how to use local database i.e., SQLite in android., We have initially thought of using SQLite for storing user credentials for auto login, so I have worked on it by creating a separate project but we have ended up using shared preferences instead of SQLite.
* Learned cross testing methodologies.
* I have learnt how to debug code in android.
* I have learnt how to deploy the android application in an android mobile.

**Future tasks: Working on final artifacts: docs/progress report generation – Estimated work 15 hours**

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