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

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

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

**1. Accomplished Tasks:**

* **Android Training:**
  + Helped my team members in learning Android.
* **Bitbucket:**
  + Leaned to use Bitbucket for code management and defect logging.
  + Learned how ".gitignore" impacts an android project file during code-checkin.
  + I successfully integrated Bitbucket repository with Google Analytics.
* **Source Tree & GitBash:**
  + Learned to use Source tree to check-in / check-out code in Bitbucket
  + Learned how to resolve merge conflict in android.
  + Learned basic commands in GitBash to manage code in Bitbucket.
* **Project Coding & Implementation:**
  + I implemented Singleton design pattern in our project. This project allowed me to understand the importance of design patterns in project implementation.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/06cd05c7b291ad49b18106172d046f0de196e31a (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/06cd05c7b291ad49b18106172d046f0de196e31a)

* Learned to code asynchronous tasks in an Android app.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/c9f86c2b9ceb0e27fff164011bf9586daefbc676 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/c9f86c2b9ceb0e27fff164011bf9586daefbc676)

* Learned how to fetch images from JSON URL and show them as a circular image with the given radius

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/8bd9f15cdba42c1743bf9aaa2ef94857b0415fe1 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/8bd9f15cdba42c1743bf9aaa2ef94857b0415fe1)

* Learned to convert an asynchronous call of a Data service to a synchronous call in Android.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/fed716d2a5533270573582dad3c82c100e537148 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/fed716d2a5533270573582dad3c82c100e537148)

* Learned how to read a rest API and understand its exposed methods during this project implementation.
* Successfully integrated register, Fraternity and Report Issues services provided by the Data Services team to Android.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/bef9c7dbdb448f3178b6576975597f0c3ef487ad (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/bef9c7dbdb448f3178b6576975597f0c3ef487ad)

* Implemented loading of profile images to S3 bucket using amazon web services API in android.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/ecc92d3dc62bd39f1594c5fb32052c5bb8825ccc (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/ecc92d3dc62bd39f1594c5fb32052c5bb8825ccc)

* Successfully designed UI of Fraternity and Report issue screens in PartyGuard app.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/9388e58243173700896a9027fa56145fb461ae53 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/9388e58243173700896a9027fa56145fb461ae53)

* This project also allowed to improve my troubleshooting skills in Android.
* Learned to configure server settings in android app using AndroidManifest.xml.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/7833dc71bacf803639726156f6d2fb05f71adfaf (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/7833dc71bacf803639726156f6d2fb05f71adfaf)

* Learned to parse JSON response from a static text file.

**Bitbucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/02a7e7fb2e70ec4922f66227da56da12f575e025 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/02a7e7fb2e70ec4922f66227da56da12f575e025)

* Learned to validate the JSON response using JSONlint.
* **POSTMAN:**
  + Learned to use POSTMAN to view the response of the web API.
* **Testing:**
  + Learned cross testing and User Acceptance testing methodologies.
* **Database Design:**
  + Helped Data services team to design database for PartyGuard. Created DB schema structure and ER Diagram based on my understanding of the project.

1. **Working on:**

* I am currently performing unit testing for the screens I developed.
* I am also working on the documentation of Database (Docs/Data) folder of our project.

**BitBucket Commit:** [https://bitbucket.org/gandhapuneni03/partyguard-android/commits/3653a9b083c3b776cbb22dc1c57eb3918ed514cd (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/3653a9b083c3b776cbb22dc1c57eb3918ed514cd)

1. **What I haven't started yet:**

* I need to integrate Alert Logs (Basic User) service to the Android app.

**Note:** This service is still not available for integration.

* Peer Review of documentation.

1. **What challenges or obstacles I am having:**

* We have challenges in choosing the right templates for documentation.