**Title: Team 41 - AndroidNachos - PartyGuardAndroid –**Rakshit Anand Bhootham

**Client** - 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

**Commits:**

The following are the commit links in Bit-Bucket:

* I completed creating the user interface for the login screen as per the client requirement and the prototypes given.

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/961db1e52433389c27fe39207b63f21ca0761e4d (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/961db1e52433389c27fe39207b63f21ca0761e4d)

* I completed creating the user interface for the sign up screen as per the client requirement and the prototypes given.

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/02f30346b903b034078bbea2d1195e7e9bfe7079 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/02f30346b903b034078bbea2d1195e7e9bfe7079)

* Removed action bar from the login screen and sign up screen and also parsed JSON data for the User Login.

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/f2a11c0cab851ddbb6af96fb261fd2b2d942e778 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/f2a11c0cab851ddbb6af96fb261fd2b2d942e778)

* Integrated login service with login activity

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/20ec1d720673cb45cdbd809744cd600cddd54a4b (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/20ec1d720673cb45cdbd809744cd600cddd54a4b)

* Updated the Login and Sign up screens of the app

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/02f30346b903b034078bbea2d1195e7e9bfe7079 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/02f30346b903b034078bbea2d1195e7e9bfe7079)

* I successfully the auto login feature for the app

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/beecdf957263d39aa05169e1073597a63181b5f1 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/beecdf957263d39aa05169e1073597a63181b5f1)

* Corrected the validation error in the login activity

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/ca5bf3c5207aab5c92f24266d303a969214db089 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/ca5bf3c5207aab5c92f24266d303a969214db089)

* Made changes and updated the Login and Sign up activities

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/4ca8a57066f4aa334bab107ffc39567b434c9bc9 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/4ca8a57066f4aa334bab107ffc39567b434c9bc9)

* Created the the saved shared preference file which helps to store the user details

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/119e633af96c6ea4da3ab1a8675f4aec1f13d6b1 (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/119e633af96c6ea4da3ab1a8675f4aec1f13d6b1)

* Made changes and updated the host sign up activity

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/e9918912de6ec3d9901da30c2498b172491f92ba (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/e9918912de6ec3d9901da30c2498b172491f92ba)

* Created guard user manual for our app

[https://bitbucket.org/gandhapuneni03/partyguard-android/commits/b3e7cf1574fc1ce17fc723ef23b7033915d070ff (Links to an external site.)](https://bitbucket.org/gandhapuneni03/partyguard-android/commits/b3e7cf1574fc1ce17fc723ef23b7033915d070ff)

The things that I learned working on our project are:

1. **The things that I learned working on our project are:**

* **Learned Android:**
  + I learned how to use android studio.
  + I learned how to code in android during GDP-I which helped me in implementing the knowledge in GDP-II
* **Bitbucket:**
  + I leaned to use Bitbucket for code management and defect logging.
  + I learned how ".gitignore" impacts an android project file during code-checkin.
* **Source Tree & GitBash:**
  + I learned to use Source tree to check-in / check-out code in Bitbucket
  + I learned how to resolve merge conflict in android.
  + I 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.
  + Learned how to read a rest API and understand its exposed methods during this project implementation.
  + Successfully integrated login service provided by the Data Services team to Android.
  + This project also allowed to improve my troubleshooting skills in Android.
  + Learned to configure server settings in android app using AndroidManifest.xml.
* **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 usability testing (Docs/Data) folder of our project.

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

* I need to preform integration testing and check the flow of the app.
* Peer Review of documentation.

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

* I faced difficulties in integrating the services for the login and sign up activities.
* We have challenges in choosing the right templates for documentation.