**Required Elements:**

1. A project title and group name including group member names.
2. A project description: a detailed description of the system you plan to develop including development environments (language, platform, and so on).
3. A top level plain text document called README that lists the directory structure of your project directory.
4. A directory structure that includes areas for the project source code, planning documents, meeting minutes, and project reports (each team’s structure may vary slightly)
5. An initial set of meeting minutes (time, attendees, things discussed, and etc.).
6. An initial planning that lays out the big timeline for your project and expected milestones. Include Gantt and/or PERT charts where appropriate. This will be modified in later deliverables. At this point you do not have enough detail to develop a complete plan but you can do a high level planning exercise.
7. Risk management:

**Risk Management:** As a team, you should discuss and identify the top 5 risks for your project. You should develop a plan for (1) monitoring these risks (2) reevaluation of your risks as the semester progresses (3) contingency plans for these risks.

1. A report to your manager (me) that discusses your progress on this deliverable, the team structure you have chosen to use, the names of the team members and their roles, project repository check out and update policies, etc.
2. Member contribution table

|  |  |  |  |
| --- | --- | --- | --- |
| Member name | Contribution description | Overall Contribution (%) | Note  (if applicable) |
| Anurag Chitnis |  | 25% |  |
| Gil Wasserman |  | 25% |  |
| Satyanarayana Chivukula |  | 25% |  |
| Nitesh Kumar Sharma |  | 25% |  |

**NOTE**: Submit one document (e.g., deliverableI.doc) that contains items 1, 2, 5, 6, 7, 8, and 9.

Bus Tracking System

**Group Name:** Android Developers

**Group Members:**

* Anurag Chitnis
* Nitesh Kumar Sharma
* Satyanarayana Chivukula
* Gil Wasserman

**Project Description:**

Presently we have 9 buses running around the campus at University of North Texas. Additionally, we have e-ride service which runs at night. Although we have the schedule of all the buses given on the website of transportation at UNT, it is inconvenient to refer that all the time. During the night time when buses are unavailable we have UNT e-ride for our service However, we don’t know where it is in the campus when we need it and how much time it will take to reach us.

Considering these problems in mind, we came up with an idea to develop an android application for students which will display the current location of the buses and e-ride on the google map.

Programming language: Java, Android SDK, Rest API, XML, JSON

Development Environment: Android Studio, GitHub

We have integrated the GitHub repository in android studio so as to ease the process of version control system.