#### Akashdeep Vasisht

- 1. **Purpose:** The project aims to develop software that can track and manage the live location of smartphones, specifically for the client's Round Table Pizza business in the Sacramento area. The benefit is enhanced accountability and efficiency in managing deliveries and drivers without relying on third-party applications.
- Scope: The scope of the project encompasses the business operations of Round Table
  Pizza in the Sacramento area, focusing on delivery management and driver
  accountability.
- 3. **Stakeholders:** The primary stakeholders include the client (Round Table Pizza owner).
- 4. **Constraints:** Budget limitations, time constraints, and technological limitations.
- 5. Names: None
- 6. **Relevant facts:** The client owns multiple Round Table Pizza locations in the Sacramento area. **Assumptions**: The software will be used on smartphones, and it assumes that drivers will carry smartphones for tracking purposes.
- 7. **Platforms:** Smartphones (Android and iOS)
- 8. Language: TBD
- 9. Database: TBD, most likely MongoDB.
- 10. Cost: TBD, may fluctuate.
- 11. **Risks:** Technical challenges in implementing real-time tracking, data security concerns, and the need for user adoption among drivers and managers.

# Is the goal measurable? That is, will it give a clear indication when you have successfully completed the project?

I believe the goal is measurable, as once we have the app, and running it will be a clear indication of the project being done.

#### Does the goal indicate an actual benefit to the owner?

Yes, the goal of the project indicates several benefits to the owner (the client who owns multiple Round Table Pizza locations). These benefits include enhanced accountability of delivery drivers, improved delivery route management for increased efficiency, the ability to assist drivers in emergencies or breakdowns, and reduced reliance on third-party applications, which can lead to cost savings and improved control over the delivery process. These benefits directly impact the owner's business operations and profitability.

# Is it viable? Is it possible to achieve the objectives of the project within the allotted time and budget?

For the time I would say Yes, but for the money I am unsure. I believe this project will require more funding than the client provided.

### Have you reached an agreement on the scope of the work?

Yes, everyone has agreed to the set goals of the project.

# Are there some risks that have a high probability of becoming problems?

So far it seems to me like we only have less than half the group actually engaged and working to create this project. So lack of people will be a high risk.

# Is the impact of these risks such that it makes the project unfeasible?

I would say yes, only because It will be hard to complete the project on time with such a small amount of people doing the work.

# Are the stakeholders willing to be involved?

We have heard back from them pretty quickly whenever we need to get in contact, so yes.