Hitch Teamwork Plan

Stakeholders
List of stakeholders (users, operators, others) and their roles
- Team BEST - developers
    - Role: to create the application and make the world a better place
- MIT Students - users
    - Role: To test our application and provide usage reports as feedback
- 6.170 Staff - reviewers
    - Role: Provide guidance and direction towards the execution of our application

Tasks
- Front End
    - Front end framework (high effort) - Brandon, Eric, Selina, Teresa
    - Home page (medium effort) - Eric
    - User reviews page (medium effort) - Teresa
    - New ride page (medium effort) - Brandon
    - Past rides page (medium effort) - Teresa
    - Review page (medium effort) - Selina
- Back End Model + Routes
    - Database (medium effort) - Brandon
    - Ride model (low effort) - Eric
    - User model (low effort) - Selina
    - Review model (low effort) - Teresa

Timeline/Deadlines:
Monday 11/16: All models/database complete
Saturday 11/21: All front end pages + routes
Monday 11/23 (due date): Full MVP, everything integrated together
Tuesday 11/24 (due date): MVP reflection
Tuesday 12/1: Complete remaining functionality
Thursday 12/3 (demo): Have complete demo of almost-finished app planned and practiced
Saturday 12/5: Polished and complete app
Sunday 12/6 (due date): Final version of code
Monday 12/7 (demo): Demo of complete app

Risks
- Unfair work distribution
    - One team member could end up completing another member's task.
    - During team meetings, we will discuss each team member's progress on their assigned task.
- Integration between different team member's modules
    - Two team members' codes could be incompatible with each other.
    - At team meetings, we will clearly outline the relationships between modules.
    - If misinterpretations happen, we will fix the code during team meetings.

Minimum Viable Product

For our MVP, Hitch should support user creation and authentication with MIT certificates, as well as our first concept which allows users to create, join, and leave rides. We will include the second concept of ratings later. Thus, all associated user interface elements for rides as outlined in our wireframes should be included, while those concerning ratings would be postponed.

This should contain most of the desired value for our users as they will be able to organize and join carpools with other users. We'll also be able to receive feedback on our initial implementation, database models, and UI.

Our UI and style may not be perfect for the MVP, and can be refined for the final product. Some security mitigations could be postponed until after the basic functionality is finished for the MVP.