

Final Project Requirements

1. Whatever they build should have utility.
2. They should have market or real-world research that proves their idea has REAL value to people.
3. They should perform research on other web / mobile applications in their app's domain.
4. They should put serious time and thought into this.
5. They should report problems they're facing along the way.
6. They should use some form of project management system (Jira, Trello and so on).
7. They should dig deep into documentation and external resources to find the tools they need.

Final Project Technical Requirements

1. Must use ReactJS.
2. Must use a Node and Express Web Server.
3. Must be backed by a MySQL or MongoDB Database with a Sequelize or Mongoose ORM.
4. Must have both GET and POST routes for retrieving and adding new data.
5. Must be deployed using Heroku (with Data).
6. Must utilize at least two libraries, packages, or technologies that we haven't discussed.
7. Must allow for or involve the authentication of users in some way.
8. Must have a polished frontend / UI.
9. Must have folder structure that meets MVC Paradigm.
8. Must meet good quality coding standards (indentation, scoping, naming).

Week 1 Deliverables (Oct 6)

1. An overview of the intended application and WHY you feel it's valuable.
2. A breakdown of roles by group member.
3. A schedule for completion of various tasks.
4. A screenshot of your Jira, Trello, or Project Management Board that shows breakdown of tasks assigned to group members with a schedule.
5. A set of DETAILED screen-by-screen design layouts with annotations describing all UI/UX components and all data relevant to the screen.

Week 2 Deliverables (Oct 13)

1. A functioning minimal viable product (i.e., a prototype version of your app that shows the intended function). This should be as close to a working app as possible and include:
 - a. A 5-7 minute presentation that discusses what your app is, what it does, and how it works. You will be presenting to instructors and TAs during class.
 - b. A screenshot of your Jira, Trello, or Project Management Board that shows breakdown of tasks assigned to group members with a schedule. This should be updated to reflect remaining priorities and completed tasks.

Week 3 Deliverables (Oct 20)

1. A significantly more polished version of the app.
2. This should literally seem like an app that you would submit.
3. Include a summary of significant issues faced to date and their resolution.
4. Provide a detailed description of each person's contributions.
5. Submit a detailed plan that describes remaining efforts. This should describe remaining issues like:
 - a. Stretch Features
 - b. Bugs
 - c. Enhancements
 - d. UI Polishing

Week 4 Deliverables (Oct 27)

1. The Presentation!
2. A 7-10 minute demonstration of your app.
3. *More on this as we near closer to the end.*