

Project Plan - Team CKQW

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## Project Plan

*Due Mon, 16 Nov 2020 at 11:59 am ET*

**Commit Document:** `project-plan`

[Submission Form](#) (Also submit commit hash and relevant links on canvas) - One Submission Per Team

Writing the project plan gives you a chance as a team to think about your goals for the project, what challenges you'll face, and what you'll do if things don't go according to plan. Don't waste the chance by treating it as a chore to be dealt with perfunctorily.

Your team plan document should include:

- The functionality you plan to have completed for each milestone. The milestones are [Proof of Concept](#), [Minimum Viable Product](#), and [Finished Product](#). See the sections below for what is expected at each one.
- A list of implementation and other tasks to be completed by the team, broken down into manageable chunks. We expect roughly 10-20 such tasks. Each task should have an assignee and deadline.
- A brief paragraph explaining what you will do if something goes wrong. This should contain some substantive ideas, such as particular tasks that will be dropped or functionality that will be cut back.

Milestones:

- Proof of Concept:
  - Map
- Minimum Viable Product
  - Map
  - Rating/Review
  - Business Homepage
  - Authentication
- Finished Product
  - Test functionalities
  - Search
  - Filter

Proof of Concept

Task	Deadline	Assignee
General code structure	11/17	All

Initialize database	11/18	k
Import map API	11/18	c+q
Address locating (if possible)	11/20	w+k
Insert business (hardcode) (if possible)	11/20	w+q
General testing	11/20	all

## MVP

Task	Deadline	Assignee
Account creation + authentication	11/22	c
Rating function	11/23	k
Review function	11/24	k
Business Response	11/24	c
Business info update function	11/26	q
Preview page construction	11/28	q
General routing, redirecting	11/30	w
Back end testing	11/27	w
Front end testing	11/30	c

## Finished Product

Task	Deadline	Assignee
Implement search	12/2	k
Implement filter	12/4	c
Overall testing	12/9	q+w+c

c=Xinyi Guo, k=Shiyu Chen, q=Qianqia Zhang, w=Winnie Zheng

Plan for if something goes wrong:

We will frequently check with each other in the group chat and update each other on our progress to make sure we are all on the same page and meet the deadlines as close as

possible. If there is an emergency with one teammate, we can have a team meeting among the rest of team members to divide up her work and temporarily cover for her. Then, maybe this team member can cover more work for later deadlines.

Functions that can be dropped: locating user's address (from Proof of Concept), filtering businesses