**Team name**: Luna R

**Team members:** Xinghai Nian, Bingzhen Chen(current leader), Xiaoqian Yang(next leader)

**Project title:** Flashcards to learn a foreign language

**Description:** Users can learn different kinds of languages through flashcard. When users have their own account they can choose between taking quiz and learning. And the quiz will be ranked by score, which is visible to all users. We will try to implement that when a user makes a mistake in the quiz, then a similar type of question may appear in the next quiz.

**Use Case:**

* Log in, if users don’t have account need to create new account
* On the home page users can select the language they want to learn
* After selecting a language, users can choose whether to study or take quiz
* After take quiz the score will recorded and ranked

**Job assignments:**

Xinghai Nian: home page, nav bar, sign in/up, log out, user accounts.

Bingzhen Chen: study mode design, quiz mode quiz question design, flashcards design.

Xiaoqian Yang: create database, connect database to the website, and scoreboard design

Everyone will do a little bit of everything (may change with progress).

**Milestones:**

|  | Description | Date |
| --- | --- | --- |
| Milestone 1 | * Setup Github repo & work environment * Research on tech skills to learn * Website structure design | * week 2: 02/09/2023 |
| Milestone 2 | * Frontend/backend development (home page, register, login) | week 4: 02/23/2023 |
| Milestone 3 | * Frontend/backend development (study mode design) | week 6: 03/09/2023 |
| Milestone 4 | * Frontend/backend development (quiz mode design) | week 8: 03/23/2023 |
| Milestone 5 | * Frontend/backend development (scoreboard design) | week 10: 4/06/2023 |
| Milestone 6 | * Test website, possibly deploy the website. | week 12: 04/20/2023 |

**Technologies involved:**

Frontend: HTML, CSS, JavaScript

Backend: Flask/Jinja, Python, SQLite for Database

**List the milestones that have been accomplished as a team.**

Accomplished as a team: Design website structure

Accomplished by each team member: Pick up tech skills, and set up work environment.

**Also list the blockers if any**

**List the following per team member**

**The task accomplished:**

**Xinghai Nian:** Research tech skills that we are going to use

**Bingzhen Chen:** Design the milestones.

**Xiaoqian Yang:** Set up the Github repo.

**The next task to do (or current task to be continued).**

Frontend/backend development (home page, register, login)

**the blockers if any**

**List any items that were mispresented by your partner team.**

All good.

**List any feedback/insights from your partner team.**

We had a minor change for user cases after taking the partner team’s suggestion. The minor change is to let users choose languages before choosing study or quiz mode.