Report for week 4 (February 19, 2023)

**Team Name:**Team Deepcourse

**Members:**Maxwell Panec, Justin Barragan, Peizu Li, Hung Nguyen

**Current Team Lead:**Peizu Li

**Project Title:**Study Sets

**Milestones With Deadlines / Tasks for Each Individual (includes accomplished & future tasks):**

1. Create React/Express apps and finalize features for the project (2/8)
   1. Max: Create Express app
   2. Hung: Create React app
2. Create UI mockups and design/host the database (2/23)
   1. Max: Design the database schema and set up hosting
   2. Justin: Create mockup for create account and view a flashcards set
   3. Hung: Create mockup for making/viewing all sets as a list
   4. Peizu: Create mockup for taking a quiz and viewing quiz score progression
3. Implement creating accounts and homepage (3/9)
   1. Max: Create API for creating account and logging in
   2. Justin: Create React Components for general homepage
   3. Hung: Create React Components for Sign up/in
   4. Peizu: Create React Components for navigating web app and set up React Router structure
4. Implement creating/viewing flashcards (3/23)
   1. Max: Create API for creating flashcard set and viewing flashcard(s) sets
   2. Justin: Create React Components for a form to create flashcard set
   3. Hung: Create React Components for viewing each flashcard in a set
   4. Peizu: Create React Components for flashcards page and viewing all your flashcard sets
5. Implement creating/taking quizzes (4/6)
   1. Max: Create API for getting generated quiz questions
   2. Justin: Create React Components for taking a quiz
   3. Hung: Design algorithm for generating quizzes
   4. Peizu: Create React Components for choosing quiz options
6. Implement quiz progression timeline (4/13)
   1. Max: Create API for getting all quiz scores for a flashcard set
   2. Justin: Create React Components for viewing quiz progress
   3. Hung: Collaborate with Justin on setting up quiz progress timeline
   4. Peizu: Review design of web app and change any unpleasant looking parts
7. Comprehensive Testing (4/27)
   1. Max: Use Postman to retest all APIs to ensure correct results
   2. Justin: Go through test navigation between pages and viewing list of all flashcards
   3. Hung: Test creating and viewing flashcard sets
   4. Peizu: Test taking a quiz and viewing progress
   5. Switch tasks with someone else and retest

**Technology Tools Used:** React, Node, Express, MongoDB

**Milestones Accomplished as a Team:**

Milestone 1: Create React/Express apps and finalize features for the project (2/8)

**Github:** <https://github.com/maxpanec/Deepcourse>

**Conclusion/decisions drawn from your weekly group meeting(s):**

Continue working on the Mockups and learn React's functional components. The weekly group meetings are scheduled every Tuesday and Thursday on discord