Phase 1

User Registration

Any user can log in and register for account.

User account:

Username :

Password :

Email :

Total Number of Question Solved

Question Generation

- As a user, I can upload pdf, PowerPoint, word file, image, URL, YouTube link, Simple txt.
- I can write the number of questions
- choose their type like MCQ, True or False or mix the 2 types.
- I can choose the difficulty I want easy, medium, and difficult.
- ~~Choose between quizzes(with time which is calculated according to number of questions)~~ or normal lesson (with no time)

Questions is stored in the database to be viewed later by the user

Lesson features

After choosing these options a lesson is generated (Make it a background process so that the user can do other things instead of waiting because it could take a fair amount of time).

(for blind people) In the lesson: the questions are written and there is an option to read aloud the text for the user and the user can respond in voice.

motivation message is shown between questions example: "You have answered 3 correct in a row".

After completing the lesson: The user sees an animated celebration with sound effects. Example: Displaying "Good job!", "Perfect Lesson", or "Lesson Completed". The total earned XP points, percentage of correct answers and the time taken to finish the lesson is shown.

User Steak Score

Every user has a streak number. Each day the user completes a least one lesson the streak score increases. (Backend database)

Benefits: This motivates the user to come back tomorrow so that the counter wouldn't restart, it also shows the persistence of the user to do a least one short lesson each day to improve by at least one percent and keep their streak counter increasing.

What if the user cannot do a lesson for a day?

There is a freeze streak that users can buy beforehand just in case using coins to save their streak. The user can only own a maximum of 2 freeze streaks at a time.

If the user does not have freeze streaks sadly the user loses his streak score.

Phase 2

There are 3 daily challenges to complete to earn coins.

- Challenge of earning 30, 40, 50 XP points
- Challenge of spending 10, 15, 20mins doing lessons.
- Challenge of completing 3,4,5 lessons.
- Challenge of answering 3,5,7 hard questions

There are also Monthly challenges to complete and earn more rewards.

- Challenge of earning 1000, 1500, 2000 XP points in a month
- Challenge of completing 30, 40, 50 daily challenges

In timed lessons the user gets more XP points but if the user fails to answer before the time runs out the lessons stops the user has two options.

If he wishes to continue, he must pay coins and the timer increases

Else if he doesn't want to continue, or he has no enough coins, the lesson ends but the user still get some XP points although not as much as if he finished all questions in time.

The user can enter weekly leaderboard challenges, in which the user competes with other users to win first place by collecting more XP points.

The 1st & 2nd place gets prizes and can advance to the next league. If the user is in the last place he will be degraded to the previous league.

There is bronze, silver, gold, platinum and diamond league.

The user first starts with bronze and to advance to the next level league he must win 1st or 2nd place, there is no degradation from bronze league, but other leagues have degradation.

5 people must join this weekly challenge to be done.

Users can register for an account that requires only email, username(unique), password(to login) and Display name(not unique).

The user has a profile page (some information in it appears to other users)

- His Display name and username.
- His streak score, the current league he is in, his last 7 days XP points earning graph, his achievement badges.
- school or university that he chose to show, his interested field of study if he chooses to show.

The user can earn achievement badges that are put in his profile.

- The badge of completing 10, 25, 50. 70, 100 perfect lessons.
- The badge of completing 2,3,4,5,6…and so on, of perfect weeks (perfect week is continues showing up without using freeze streaks).
- The badge of wining and 1st place in the diamond league

There is a weekly and yearly report of progress.

Website can recommend other users to follow and learn together.

The second mode: Having a conversation with AI

The user can choose the topic to talk about and the tone of voice that AI will speak with it.