Users Voice:

1. As a student wanting to learn the Japanese language, I need Hello Senpai learning application system to teach me to write, read and speak Japanese so that I can comprehend and learn the language successfully.
2. As a student that easily gets off track or not motivated enough to learn the Japanese language, I need Hello Senpai learning application system to stay on track and motivated to continue to learn the language.
3. As a beginner student wanting to learn the Japanese language, I need Hello Senpai learning application system to help me so that I can know the fundamentals of the Japanese Language.

Use-Cases:

1. User will be given fundamentals to learning Japanese such as the Japanese alphabet (Hiragana and Katakana), When user practices the two s alphabets then they will be successful at pronouncing and reading some of the basic words in Japanese written in katakana and Hiragana.
2. User will be given visual content of the stroke orders of Japanese alphabet’s characters. When the user goes over the stroke orders of the characters then they will be able to successfully basic write words in Japanese.
3. User will be awarded points when they complete each learning task and will be able to spend the points however they wish to in the rewards shop. Then they will stay motivated to keep learning and stay on task.
4. User will be given the opportunity to test their speaking skills to others when they learn the appropriate learning objectives then they will be confident in speaking the Language.

UML:

Diagram

Description automatically generated

Requirements:

1. The user shall be able to know fundamentals of the Japanese Language after completing the first stage of Japanese 101 (beginners)

1.1 user shall be able to read Japanese characters of the Japanese alphabet after learning them.

1.1.2 User shall be able to read basic words when they learn Hiragana.

1.1.3 User shall be able to read basic words when they learn Katakana.

1.2 User shall be able to write the Japanese alphabet after looking at the visual content for stroke orders.

1.2.1 User shall be able to write hiragana alphabet after looking at the visual content for stroke orders.

1.2.2 User shall be able to write katakana alphabet after looking at the visual content for stroke orders.

1.3 User shall be able to memorize and read number 1-1000.

1.3.1 user shall be able to read numbers 1- 1000 after finishing the Number Learning objectives in the Numbers module.

1.3.2 user shall be able to write numbers after finishing the Number Learning objectives in the Numbers module.

1.4 user shall be able to know basic colors to help describe things.

1.4.1 user shall be able to read and write places.

1.6 user shall be able to read and write sentence structures.

1.7 user should know some Kanji characters.

1.8 user should be able to speak with the fundamentals that was given in the course.

1.9 user should be able to easily navigate through the course.

2. The System shall allow user to Login.

2.1 The system shall verify password.

2.2 the system shall detect invalid login.

2.2.1 the system shall be able to detect invalid email or User name.

2.2.2 the system shall be able to detect invalid password.

3 The system shall past on reminders to the user .

* 1. the system shall past reminders to the user to stay on track with learning.
     1. the system shall detect when user is falling behind.

3.2 the system shall be able to past reminders to alert user about the next Module.

3.3 the system shall be able to alert the user they have a new message.

3.4 the system shall be able to remind them their progress.

3.5 the system shall allow user to send messages.

3.5.1 the system shall allow user to search for user to message.

3.6 the system shall allow users to send messages in the chat.

3.6.1 the system shall allow users to reply to chat.

3.7 the system shall be able to allow users to post a status on the newsfeed.

3.7.1 the system shall allow users to comment and reply to post on newsfeed.

3.7.2 the system shall allow users to share other post on newsfeed.

3.7.3 the system shall allow users to like (react) to post on newsfeed.