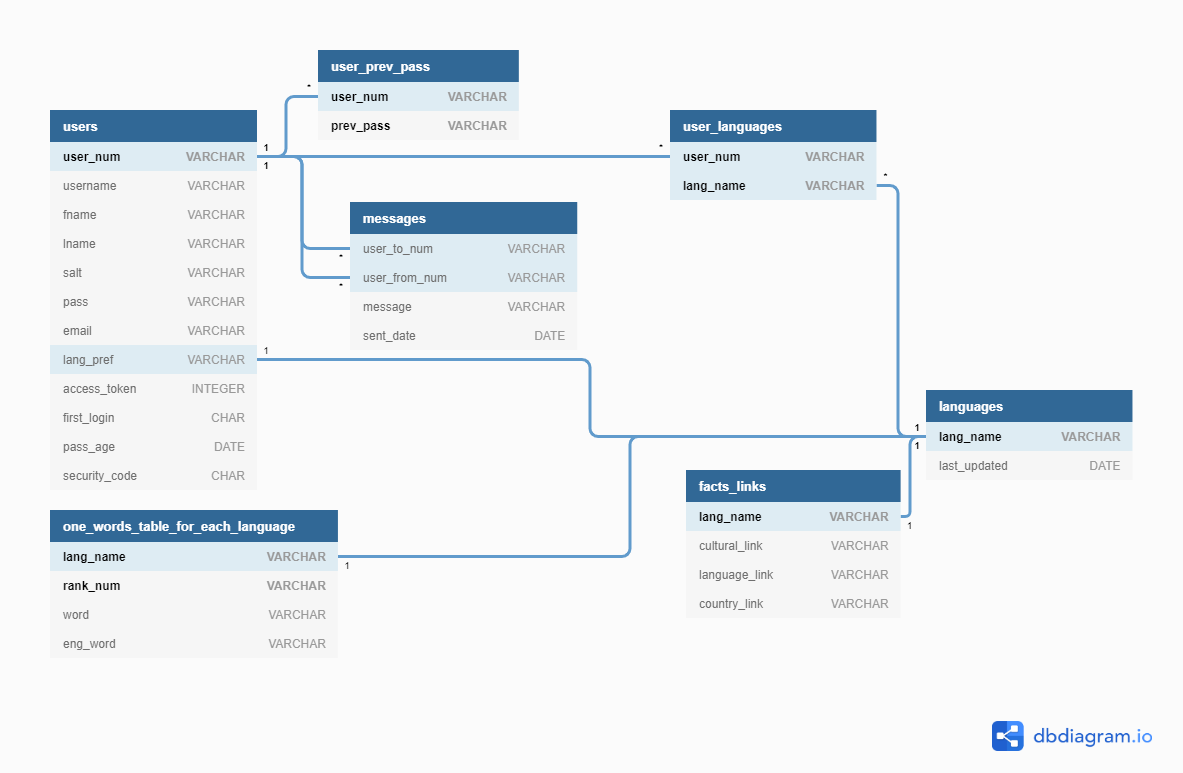
[COVER PAGE TABLE OF CONTENTS AND INTRO GO HERE]

1. Data Design
   1. Database ERD



2.2 System Feature to ERD Explanation.

2.2.1 Flash Card Game (SRS System Feature 4.1)

* + - 1. User table allows for user to login and have persistent data and keep track of what language the user prefers. This allows the flash card game to default to the user preference.
      2. The language table allows for the website to know which languages are available. It also helps the database find the words tables for each language to populate flash cards.

2.2.2 Cultural Information (SRS System Feature 4.2)

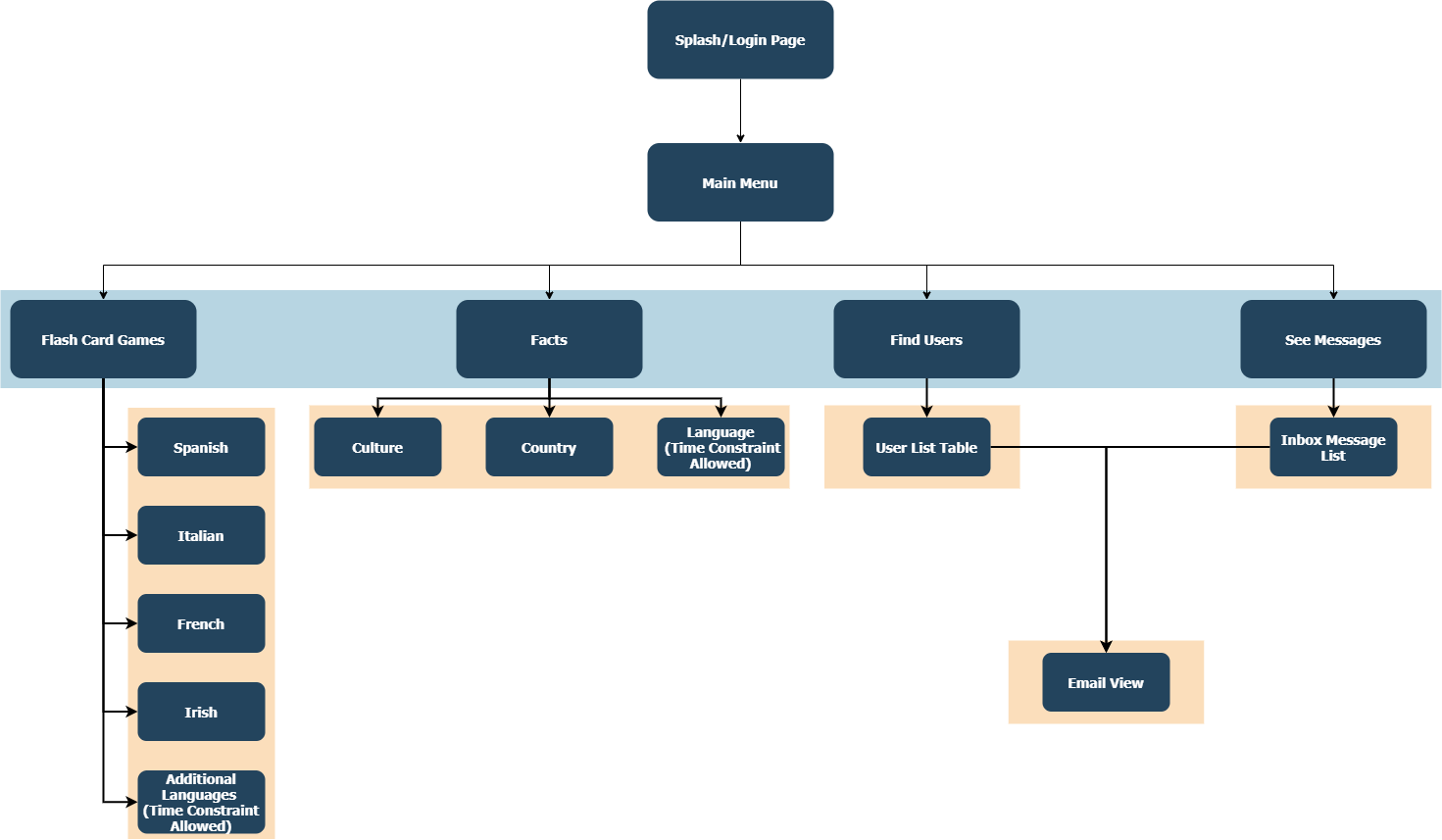
1. Facts links table allows the website to use URLs contained to grab current WIKI data for each different type of fact the user wants. It then displays to the facts view depending on which type of fact the user wanted.

2.2.3 Messaging Users (SRS System Feature 4.3)

1. User table allows for storing of persistent user list. This allows for users to be queried with a preference for the language the user wants to learn and what language the other users are proficient in by matching it to the user\_languages table.
2. Once the user selects another user to message and sends a message the message will be stored in the messages table for persistent storage of messages.
3. These messages will be deleted after 30 days to decrease storage concerns.

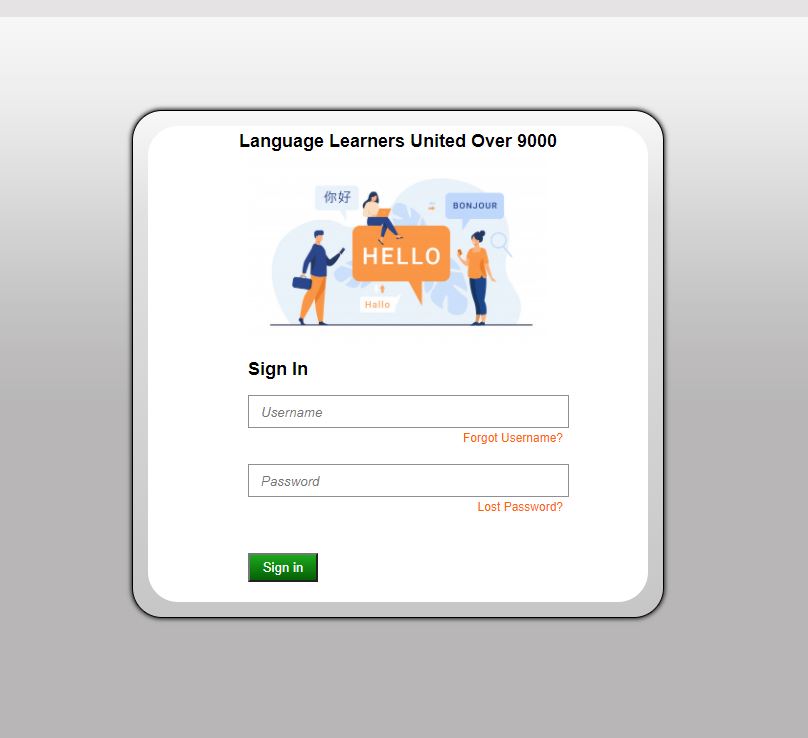
Sec 3 User Interface Design

3.1 Site Map

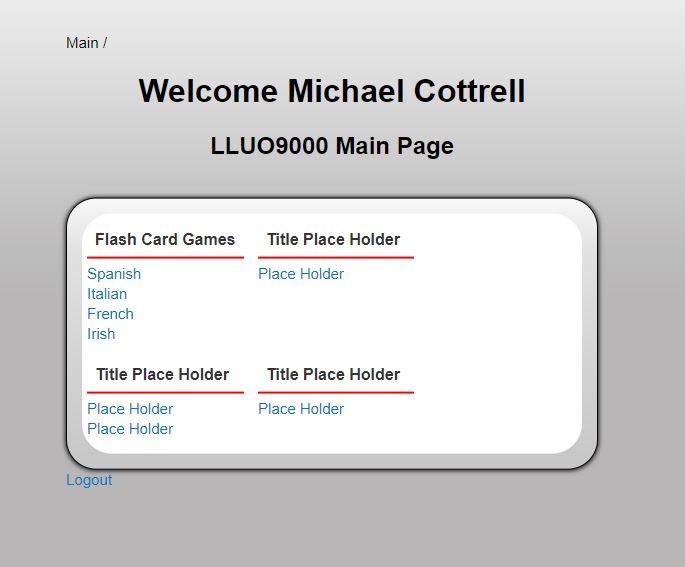


3.2 Application Interface

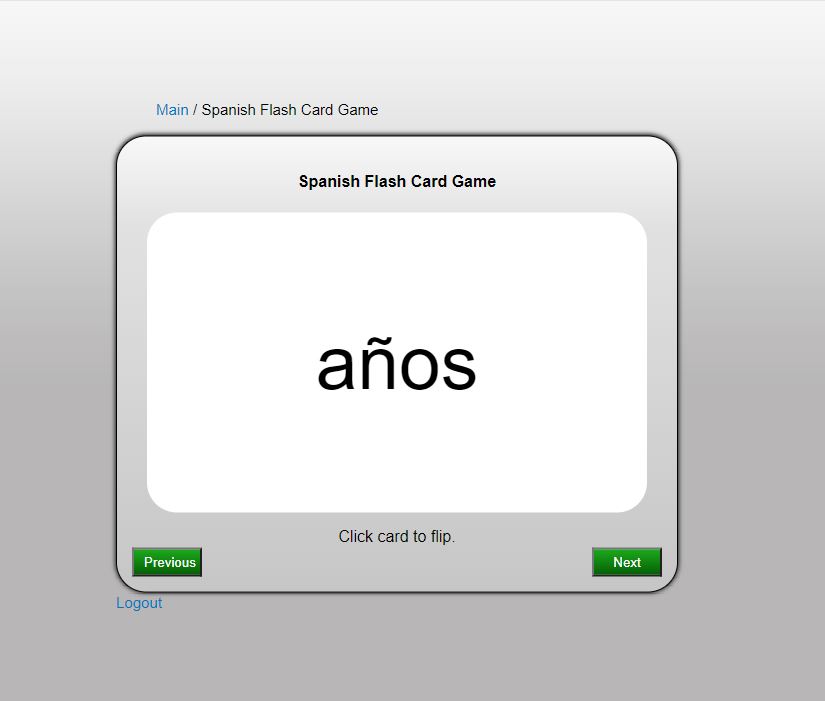
3.2.1 Login Page



3.2.2 Main Menu



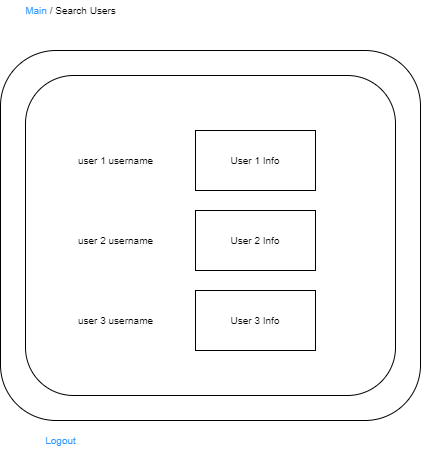
3.2.3 Flash Card Games (SRS System Feature 4.1)



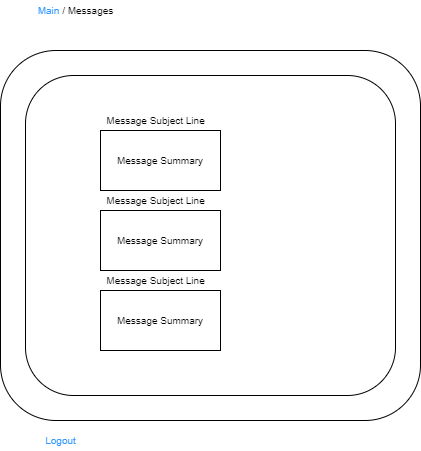
3.2.4 Facts Screen (SRS System Feature 4.2)



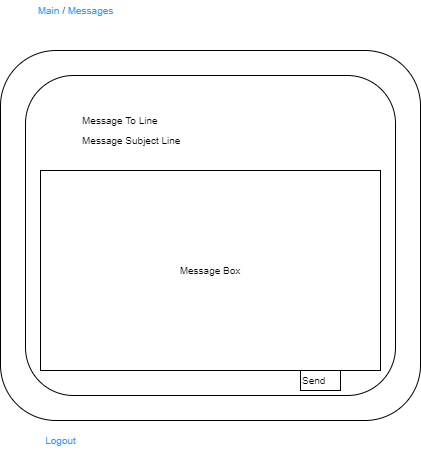
3.2.5 Search Users (SRS System Feature 4.3)



3.2.6 Messages (SRS System Feature 4.3)



3.2.7 Message User (SRS System Feature 4.3)



[TEST PLAN GOES HERE]