Test Report -   Power Rangers -   Slug Notes

Sprint 1:

- I as a team member would like to easily share code and work on the project in order to get an A in the class. (This would imply setting up GitHub and Django)
    - Verify Django is installed and that you are working out of the virtual environment.
        - Run the 'pip freeze' command.
        - SUCCESS: Output is:
            Django==1.8.5
            MySQL-python==1.2.5
            wheel==0.24.0
    - Verify you can pull from GitHub repository.
        - Run the 'git pull' command.
        - SUCCESS: Latest version of project is pulled.
    - Verify you can push to GitHub repository,
        - Run the commands 'git commit -m "first commit"' and 'git push'.
        - SUCCESS: Your commit is pushed to repository.
- I as a user would like to be able to create and log into an account in order to be able to have my own unique profile.
    - Create a new account with valid fields.
        - From the homepage, navigate to "Get Studying!" -> "Sign Up"
        - Fill in the form with
            - name
            - unused username
            - unused ".edu" email address
            - password
        - Click "SUBMIT"
        - SUCCESS: Changes reflected in database.
    - Create a new account with invalid username field.
        - From the homepage, navigate to "Get Studying!" -> "Sign Up"
        - Fill in the form with
            - name
            - used username
            - unused ".edu" email address
            - password

- Click "SUBMIT"

FAILURE: GUI displays error message.
- Create a new account with invalid email field.
  - From the homepage, navigate to "Get Studying!" -> "Sign Up"
  - Fill in the form with
    - name
    - unused username
    - non-".edu" email address
    - password
  - Click "SUBMIT"

FAILURE: GUI displays error message.
- Create a new account with invalid email field.
  - From the homepage, navigate to "Get Studying!" -> "Sign Up"
  - Fill in the form with
    - name
    - unused username
    - used "@ucsc.edu" email address
    - password
  - Click "SUBMIT"

FAILURE: GUI displays error message.
- Create a new account with empty fields.
  - From the homepage, navigate to "Get Studying!" -> "Sign Up"
  - Fill in the form leaving any field blank.
  - Click "SUBMIT"

FAILURE: GUI displays error message.
- Create a new account with passwords that don't match.
  - From the homepage, navigate to "Get Studying!" -> "Sign Up"
  - Fill in the form with
    - name
    - unused username
    - unused "@ucsc.edu" email address
    - password
    - different password
  - Click "SUBMIT"

FAILURE: GUI displays error message.
- Log in to an existing account.
  - From the homepage, navigate to "Get Studying!" -> "Login"
  - Fill in the form with
    - existing username

- correct password
- Click "SIGN IN"

SUCCESS: User's home page is displayed.
- Log in with an invalid username.
    - From the homepage, navigate to "Get Studying!" -> "Login"
    - Fill in the form with
        - invalid username
        - password
    - Click "SIGN IN"

FAILURE: GUI displays error message.
- Log in with an invalid password.
    - From the homepage, navigate to "Get Studying!" -> "Login"
    - Fill in the form with
        - existing username
        - incorrect password
    - Click "SIGN IN"

FAILURE: GUI displays error message.
- I as a user would like to be able to store my information (flash cards and personal profile) on my own account in order to be able to access my notes when I need them most. (Here we would setup the database)
    - Modify user information with valid fields.
        - Login as a user.
        - Navigate to "<UserName>" -> "Edit Account"
        - Fill in the form with
            - name
            - unused username
            - unused ".edu" email address
        - Click "SAVE CHANGES"

    SUCCESS: Changes reflected in database.
    - Modify user information with invalid username field.
        - Login as a user.
        - Navigate to "<UserName>" -> "Edit Account"
        - Fill in the form with
            - name
            - used username
            - unused ".edu" email address
        - Click "SAVE CHANGES"

: GUI displays error message.
- Modify user information with invalid email field.
    - Login as a user.
    - Navigate to "<UserName>" -> "Edit Account"
    - Fill in the form with
        - name
        - unused username
        - non-".edu" email address
    - Click "SAVE CHANGES"
FAILURE: GUI displays error message.
- Modify user information with invalid email field.
    - Login as a user.
    - Navigate to "<UserName>" -> "Edit Account"
    - Fill in the form with
        - name
        - unused username
        - used "@ucsc.edu" email address
    - Click "SAVE CHANGES"
FAILURE: GUI displays error message.
- Modify user information with empty fields.
    - Login as a user.
    - Navigate to "<UserName>" -> "Edit Account"
    - Fill in the form leaving any field blank.
    - Click "SAVE CHANGES"
FAILURE: GUI displays error message.
- Modify password with valid fields.
    - Login as a user.
    - Navigate to "<UserName>" -> "Change Password"
    - Fill in the form with
        - old password
        - new password
        - matching new password
    - Click "SAVE CHANGES"
SUCCESS: Changes reflected in database.
- Modify password with invalid old password.
    - Login as a user.
    - Navigate to "<UserName>" -> "Change Password"
    - Fill in the form with
        - invalid old password

- new password
- matching new password
- Click "SAVE CHANGES"

FAILURE: GUI displays error message.
- Modify password with new passwords that don't match.
    - Login as a user.
    - Navigate to "<UserName>" -> "Change Password"
    - Fill in the form with
        - old password
        - new password
        - different new password
    - Click "SAVE CHANGES"
    FAILURE: GUI displays error message.
- Modify password leaving fields blank.
    - Login as a user.
    - Navigate to "<UserName>" -> "Change Password"
    - Fill in the form leaving any field blank.
    - Click "SAVE CHANGES"
    FAILURE: GUI displays error message.
- Verify database models exist for Decks and Cards.
    SUCCESS: Database has Deck model that has an id, user id, name, share flag, date created, date modified, and deleted flag. Database has Card model with an id, front, back, deck id, date created, date modified, and deleted flag.

Sprint 2:
- I as a user would like to be able to group and organize my flashcards to enhance my studying experience.
    - Create a new deck with valid fields.
        - Login as a user.
        - Click the '+' in the upper right of the user's home page.
        - Fill in form with
            - unused (for current user) deck name
            - toggle share with others flag
        - Click "Make a Deck!"
        SUCCESS: Changes reflected in database. Deck appears in GUI with name on it.
    - Create a new deck with invalid deck name.
        - Login as a user.

- Click the '+' in the upper right of the user's home page.
- Fill in form with
  - used (for current user) deck name
  - toggle share with others flag
- Click "Make a Deck!"

FAILURE: GUI displays error message.

- Create a new deck with invalid deck name.
  - Login as a user.
  - Click the '+' in the upper right of the user's home page.
  - Fill in form with
    - deck name over 20 characters
    - toggle share with others flag
  - Click "Make a Deck!"

FAILURE: GUI displays error message.

- Modify deck with valid fields.
  - Login as a user.
  - Hover over an existing deck and click on "Deck Settings".
  - Fill in form with
    - unused (for current user) deck name
    - toggle share with others flag
  - Click "Make a Deck!"

SUCCESS: Changes reflected in database. Deck in GUI is updated with new name on it.

- Modify deck with invalid deck name.
  - Login as a user.
  - Hover over an existing deck and click on "Deck Settings".
  - Fill in form with
    - used (for current user) deck name
    - toggle share with others flag
  - Click "Make a Deck!"

FAILURE: GUI displays error message.

- Modify deck with invalid deck name.
  - Login as a user.
  - Hover over an existing deck and click on "Deck Settings".
  - Fill in form with
    - deck name over 20 characters
    - toggle share with others flag
  - Click "Make a Deck!"

FAILURE: GUI displays error message.

- Delete a deck.
    - Login as a user.
    - Hover over an existing deck and click on "Delete".
    - Verify by clicking "Delete"
  SUCCESS: Changes reflected in database. GUI no longer displays that deck.
- I as a user would like to be able to create flash cards in order to study important material.
    - Create a single card.
        - Login as a user.
        - Hover over an existing deck and click on "Edit Flash Cards".
        - Click the '+' in the upper right of the deck's page.
        - Fill in the form with
            - Content for the front.
            - Content for the back.
        - Click "Make a Card!"
      SUCCESS: Changes reflected in database. Card appears in GUI with front displayed.
    - Create a single card without a back.
        - Login as a user.
        - Hover over an existing deck and click on "Edit Flash Cards".
        - Click the '+' in the upper right of the deck's page.
        - Fill in the form with
            - Content for the front.
            - Leave the back blank.
        - Click "Make a Card!"
      SUCCESS: Changes reflected in database. Card appears in GUI with front displayed.
    - Create a single card without a front.
        - Login as a user.
        - Hover over an existing deck and click on "Edit Flash Cards".
        - Click the '+' in the upper right of the deck's page.
        - Fill in the form with
            - Leave the front blank.
            - Content for the back (or blank).
        - Click "Make a Card!"
      FAILURE: GUI displays error message.
    - View the opposite side of a created flash card.

- Login as a user.
- Hover over an existing deck and click on "Edit Flash Cards".
- Hover over an existing card and click on "Flip".

SUCCESS: The opposite side of the card is displayed.
- Modify a single card.
    - Login as a user.
    - Hover over an existing deck and click on "Edit Flash Cards".
    - Hover over an existing card and click "Edit Flash Card".
    - Fill in the form with
        - Content for the front.
        - Content for the back.
    - Click "Save Changes!"

SUCCESS: Changes reflected in database. Card is changed in GUI with front displayed.
- Modify a single card without a back.
    - Login as a user.
    - Hover over an existing deck and click on "Edit Flash Cards".
    - Hover over an existing card and click "Edit Flash Card".
    - Fill in the form with
        - Content for the front.
        - Leave the back blank.
    - Click "Save Changes!"

SUCCESS: Changes reflected in database. Card is changed in GUI with front displayed.
- Modify a single card without a front.
    - Login as a user.
    - Hover over an existing deck and click on "Edit Flash Cards".
    - Hover over an existing card and click "Edit Flash Card".
    - Fill in the form with
        - Leave the front blank.
        - Content for the back (or blank).
    - Click "Save Changes!"

FAILURE: GUI displays error message.
- Delete a card.
    - Login as a user.
    - Hover over an existing deck and click on "Edit Flash Cards".
    - Hover over an existing card and click "Delete".
    - Verify by clicking "Delete"

SUCCESS: Changes reflected in database. GUI no longer displays that card.

- I as a user would like to be able to upload my notes (but not save) and have flash cards automatically generated to save studying time.
    - Upload cards from a text file.
        - Login as a user.
        - Hover over an existing deck and click on "Edit Flash Cards".
        - Click the 'up' in the upper right of the deck's page.
        - Select a ".txt" file with contents of the correct format (such as):

            F: Front1

            B: Back1.1

            B: Back1.2

            Line to ignore.

            F: Front2

            B: Back2
        - Click "Upload"

    SUCCESS: Changes reflected in database. Two cards appear in GUI with Fron1 and Front2 displayed. Upon flipping the cards Back1.1\nBack1.2 and Back2 should be displayed respectively.

    - Upload cards from the text box.
        - Login as a user.
        - Hover over an existing deck and click on "Edit Flash Cards".
        - Click the 'up' in the upper right of the deck's page.
        - Type contents of the correct format into the text field (such as):

            F: Front1

            B: Back1.1

            B: Back1.2

            Line to ignore.

            F: Front2

            B: Back2
        - Click "Upload"

    SUCCESS: Changes reflected in database. Two cards appear in GUI with Fron1 and Front2 displayed. Upon flipping the cards Back1.1\nBack1.2 and Back2 should be displayed respectively.

    - Upload cards with incorrect format.
        - Login as a user.
        - Hover over an existing deck and click on "Edit Flash Cards".
        - Click the 'up' in the upper right of the deck's page.

- Type contents of the incorrect format into the text field (such as):
  - B: This back should not show.
  - F: Front1
  - B: Back1.1
  - B: Back1.2
  - Line to ignore.
  - F: Front2
  - B: Back2
- Click "Upload"

SUCCESS: Changes reflected in database. Two cards appear in GUI with Fron1 and Front2 displayed. Upon flipping the cards Back1.1\nBack1.2 and Back2 should be displayed respectively.

- Upload cards using text box and file.
  - Login as a user.
  - Hover over an existing deck and click on "Edit Flash Cards".
  - Click the 'up' in the upper right of the deck's page.
  - Type contents into text box and select a file to upload.
  - Click "Upload"

FAILURE: GUI displays error message.

- Upload cards without using notes.
  - Login as a user.
  - Hover over an existing deck and click on "Edit Flash Cards".
  - Click the 'up' in the upper right of the deck's page.
  - Leave the form empty.
  - Click "Upload"

FAILURE: GUI displays error message.

- Upload cards with incorrect file format.
  - Login as a user.
  - Hover over an existing deck and click on "Edit Flash Cards".
  - Click the 'up' in the upper right of the deck's page.
  - Select a non-.txt file to upload.
  - Click "Upload"

FAILURE: GUI displays error message.

Sprint 3:

- I as a user would like to be able to study a deck of flashcards in order to study for a class.
  - Study a deck from user's home page.
    - Login as a user.

- Hover over an existing deck and click on "Study".

SUCCESS: Redirected to the study mode page.
- Study a deck from edit deck page.
    - Login as a user.
    - Hover over an existing deck and click on "Edit Flash Cards".
    - Click the 'study' button in the upper right corner.

SUCCESS: Redirected to the study mode page.
- Study an empty deck.
    - Login as a user.
    - Hover over an existing deck with no cards and click on "Study".

SUCCESS: Study page states there are no cards in this deck to study.
- Study a deck with one card.
    - Login as a user.
    - Hover over an existing deck with one card and click on "Study".

SUCCESS: Study page displays front of current card but no next, previous, or shuffle buttons.
- Navigate forward while studying a deck.
    - Login as a user.
    - Hover over an existing deck with at least two cards and click on "Study".
    - Click the 'next arrow' in the upper center of the study page.

SUCCESS: Front of the next flash card is displayed.
- Navigate backward while studying a deck.
    - Login as a user.
    - Hover over an existing deck with at least two cards and click on "Study".
    - Click the 'next arrow' in the upper center of the study page.
    - Click the 'previous arrow' in the upper center of the study page.

SUCCESS: Front of the first flash card is displayed.
- Flip a card while studying a deck.
    - Login as a user.
    - Hover over an existing deck with at least one card and click on "Study".
    - Click the 'flip' in the upper center of the study page.

SUCCESS: Back of the flash card is displayed.
- Shuffle cards while studying a deck.
    - Login as a user.
    - Hover over an existing deck with preferably three or more cards and click on "Study".

- Click the 'shuffle' in the upper right of the study page.

SUCCESS: Verify cards are in a different order by navigating through the deck (note it is possible that cards end up in the same order).

- I as a user would like to be able to search for users profiles and shared decks by name in order to find study material associated with a class I'm in.
    - Search for another user who has public decks.
        - Login as a user.
        - Search for another existing username (one you know that has a public deck) in the search bar in the upper right corner.

    SUCCESS: Usernames (who have public decks) appear that contain the queried string.
    - Search for another user who has no public decks.
        - Login as a user.
        - Search for another existing username (one you know that has no public decks) in the search bar in the upper right corner.

    SUCCESS: No username appears matching your exact query.
    - Search for a public deck.
        - Login as a user.
        - Search for a deck created by another user you know to be public in the search bar in the upper right corner.

    SUCCESS: Public decks appear that contain the queried string.
    - View the public decks of a user.
        - Login as a user.
        - Search for another existing username (one you know that has a public deck) in the search bar in the upper right corner.
        - Hover over their name and click 'view'.

    SUCCESS: Their public decks should appear without the option to edit or delete (only study, view, and clone).
    - Study a public deck.
        - Login as a user.
        - Search for a deck created by another user you know to be public in the search bar in the upper right corner.
        - Hover over the name and click 'study'.

    SUCCESS: Enter study mode with the same functionality as if you were studying your own deck.
    - View a public deck.
        - Login as a user.

- Search for a deck created by another user you know to be public in the search bar in the upper right corner.
- Hover over the name and click 'view'.

SUCCESS: Page with individual flash cards is displayed. Only have the ability to 'flip' each card (not edit or delete).

- I as a user would like to be able to copy someone else's public notes so I can modify them and study them myself.
    - Clone a deck with valid name.
        - Login as a user.
        - Search for a deck created by another user you know to be public in the search bar in the upper right corner.
        - Hover over the name and click 'clone'.
        - Fill in form with
            - unused (for current user) deck name
            - toggle share with others flag
        - Click "Clone Deck!"

    SUCCESS: Changes reflected in database. Deck appears in user's homepage with name on it and flashcards with the same content as the original deck.

    - Clone a deck with invalid name.
        - Login as a user.
        - Search for a deck created by another user you know to be public in the search bar in the upper right corner.
        - Hover over the name and click 'clone'.
        - Fill in form with
            - used (for current user) deck name
            - toggle share with others flag
        - Click "Clone Deck!"

    FAILURE: GUI displays error message.

    - Clone a deck with invalid name.
        - Login as a user.
        - Search for a deck created by another user you know to be public in the search bar in the upper right corner.
        - Hover over the name and click 'clone'.
        - Fill in form with
            - deck name with over 20 characters
            - toggle share with others flag
        - Click "Clone Deck!"

- Clone a deck with empty form.
    - Login as a user.
    - Search for a deck created by another user you know to be public in the search bar in the upper right corner.
    - Hover over the name and click 'clone'.
    - Fill in form with deck name field blank.
    - Click "Clone Deck!"

FAILURE: GUI displays error message.