Team: cd msc/

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Iteration Feature Set Plan 1

I. Create User Accounts

A. Create

1. **First Name**
   a) Required
2. **Last Name**
   a) Required
3. **Username**
   a) Has to be unique
   b) 6-20 characters long
   c) Required
4. **Password**
   a) 6-20 characters long
   b) Required
5. **Email**
   a) Valid format: '@' and '.'
   b) Required
6. **Gender**
   a) Male or female not both
   b) Radio button
7. **Grade**
   a) K-12, freshman-senior, grad
   b) Drop down box

B. After successful log in

1. **Redirect to the page to main menu**
   a) Just a page with a button to create a card or deck for this iteration

II. Login as a User

A. Enter

1. **Username**

a) Required
2. **Password**
a) Required
3. **Must be a user already in the db**
4. **Won't refresh the page or redirect if invalid login**
5. **Redirects to page to main menu**
a) Just a page with a button to create a card or deck for this iteration

III. Create Cards and Save Cards

A. Create
1. **User must already be logged-in in order to create cards**
2. **A Card is created from the user defined fields of:**
   a) Question
   b) Answer
   c) Category
   d) Sub-Category
   e) Difficulty

B. Save
1. **After card creation, the card can be saved to a deck or not**
2. **The card will be saved to a general pool of cards that the user has created**

IV. Create, Edit, and Save Decks

A. Create
1. **User must already be logged-in in order to create decks**
2. **Decks are created from combinations of cards**
3. **Add cards that have been previously created into a deck**
4. **Link to create a new card to add to this deck**

B. Edit
1. **Open a previously created deck and change its contents**
2. **Add new or already created cards to the deck**

C. Save
1. **Save a new deck to the database**
2. **Update a previously created deck with the new version**