dekū
User Interface Design Document

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1. Introduction

1.1 Purpose of This Document

The purpose of this document is to show the user how to navigate and interact with the Dekū web application. It is intended to be read by any user of the system and will contain a detailed breakdown of each page and possible function on this website. Images will show the different pages involved within the application and highlight some of the key features of the application.

State the purpose of the document and specify the intended readership. Briefly summarize the content. [One paragraph]

1.2 References

1. Dekū System Requirements

Provide a list of all applicable and referenced documents and other media that were used in the creation of this document (e.g., user interface design textbooks or websites, class lecture notes). See the Writing Resources on Blackboard for the appropriate formats for references.

2. **User Interface Standards**

This section contains an overview of the design standards used in the Dekū web application.

This application strives to adhere to a single page architecture. That means we have minimized the amount of page traversal as much as is considered possible. There are three main pages to be aware of: login/create account page, home feed page, and profile page. While the layout will be very similar between these pages to reduce confusion, the content on each will be unique. To provide the user with more information, there will be menus that the user can bring up by swiping from the side of the screen (think opening the charms menu on Windows 8). On a profile page, the left will contain search options, notifications and messaging, and the right will be about account setting and preferences.

When the site is first loaded, it allows the user to create an account if they do not already have one, as seen in Figure 1.0 below. If the user already has an account, they can click on the “Login” button towards the top right hand corner of the page, as seen in Figure 2.0 below. The center of the page is devoted to a prompt asking the user to either make an account or prompt for the user to login with their credentials if they click the “Login” button and already have an account.

There are few buttons on this site. The header has a button for the site which directs to the home page with default filter settings (none). This button is located towards the upper left hand corner, which is indicated by the red box around the Dekū label. There is also a button to login

(Figure 1.0) if you haven't done so already, which would change to a logout button if a user is currently logged in. Once logged in, there will be a button with a user's user name and avatar, which redirects the user to his/her profile page.

3. User Interface Walkthrough

3.1.1 – Creating an Account

The first page on the website is creating an account on the website, as seen in Figure 1.0 below. It is very simple and straightforward to navigate. A user, assuming he/she does not already own an account enters information to create an account just like any other website (ex. First name, last name, email, etc). On the portion of the create account information, the one section listed under “University” with the list box currently only lists “UMBC” since this web application is limited to UMBC students and faculty only as of Spiral 2. The implementation of opening this to different schools is being considered for Spiral 3. If a person tries to just register without filling out a portion or any of the fields, it will prompt to the user whichever fields need to be filled in, as shown in Figure 1.1. There is an additional check to make sure a user enters a .edu email address. If a user already has an account in the database, they may instead click “Login” at the top right hand corner and go from there.

3.1.2 – Logging In

With a similar layout to the creation of an account from the first page, if a user already has an account and clicks the “Login” button at the top right hand corner of the page, it navigates them to the login screen as shown in Figure 2.0 below. The user will login with their email and password and that used to create an account with. If a user does not fill in both fields and tries to login regardless, a message will prompt that information has not been entered in the field(s). On the chance that a user forgets their password for their login credentials, he/she may click the “Forgot your password?” and will be redirected to the page for retrieving a lost password, as seen in Figure 2.2.

Figure 1.0 – Create an account

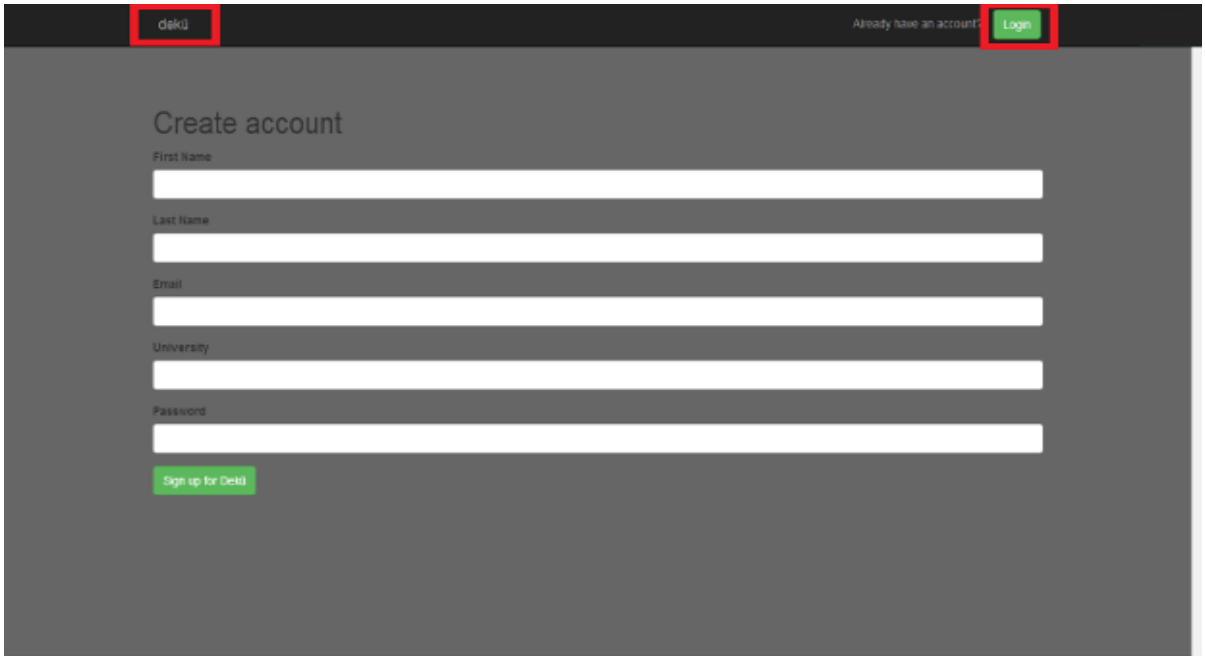


Figure 1.1 – Information must be filled in

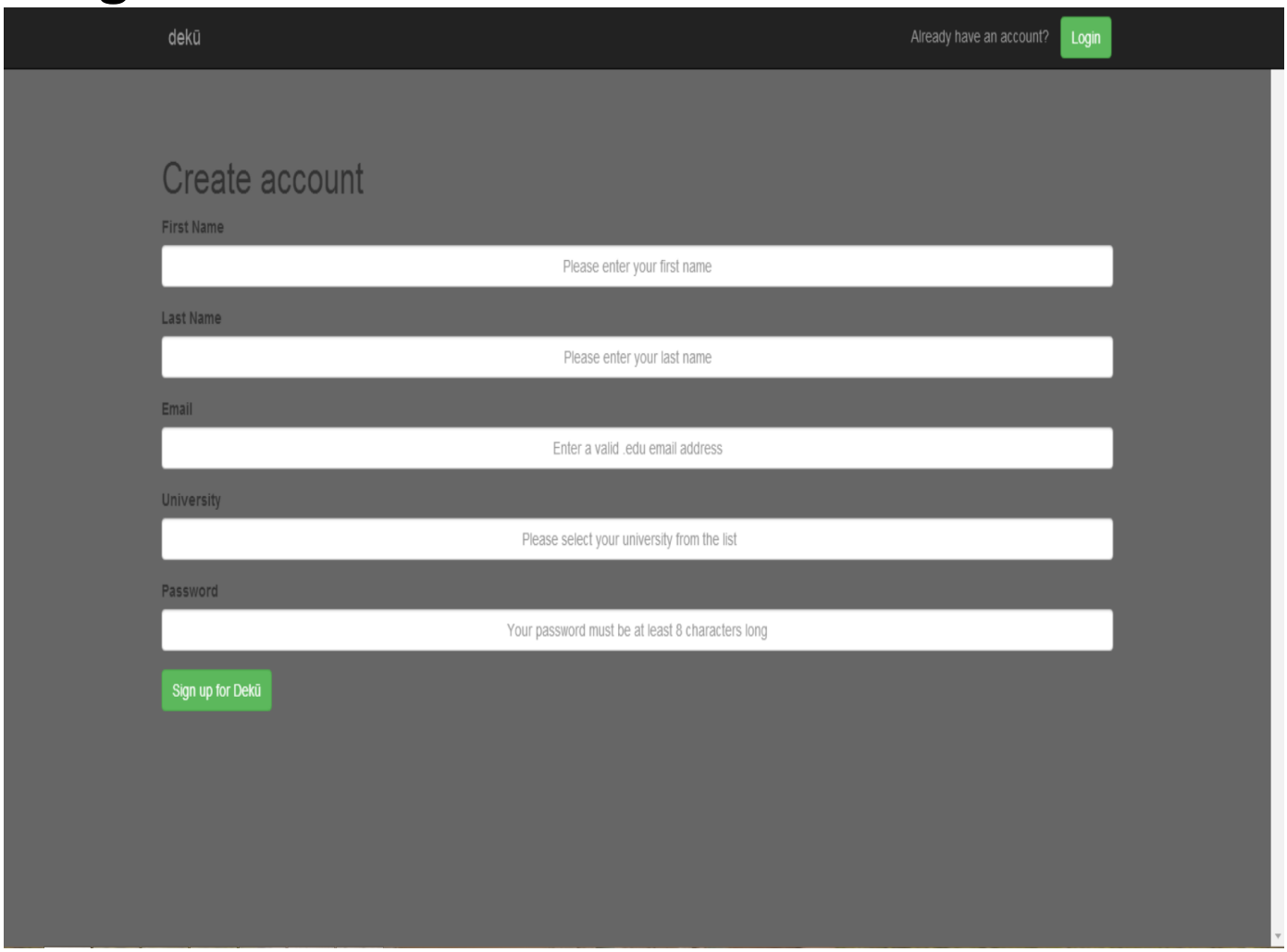


Figure 2.0 – Login page

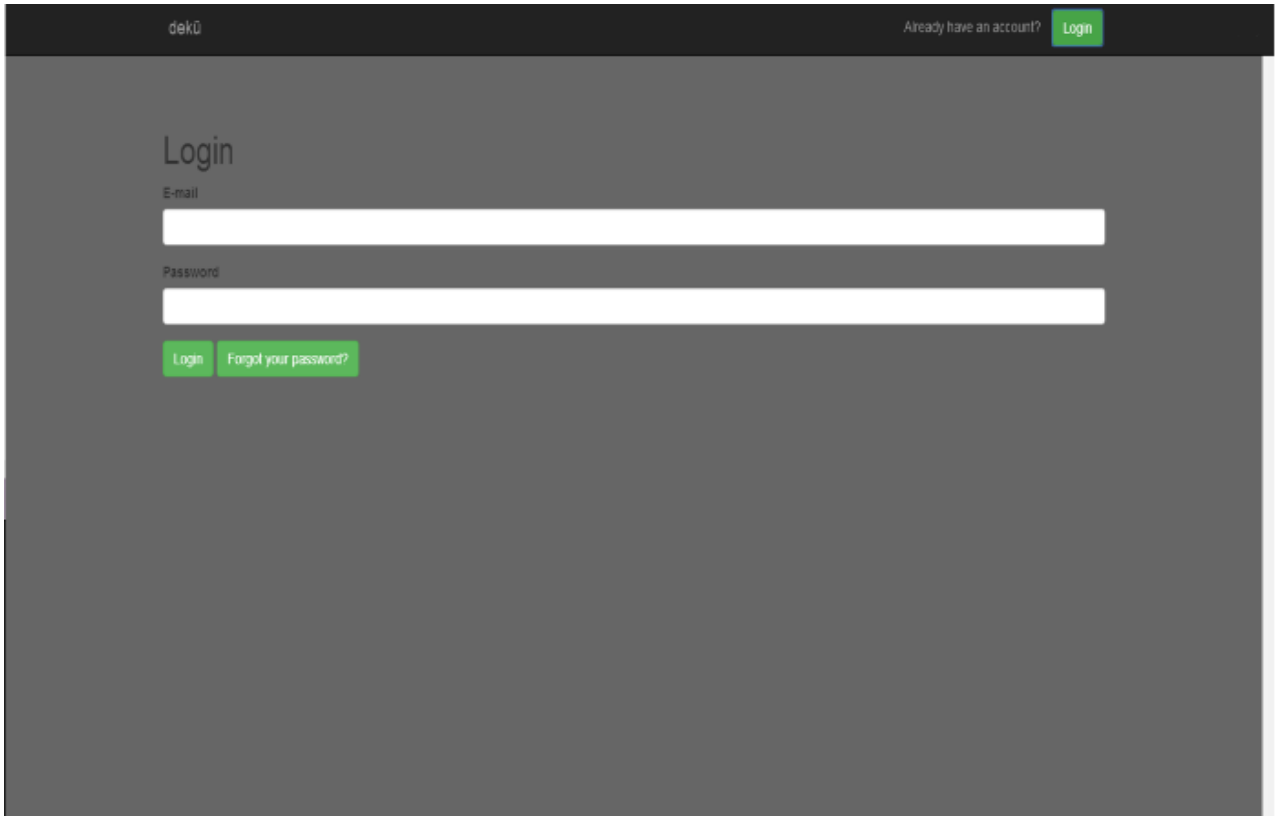


Figure 2.1 – Login must be filled in

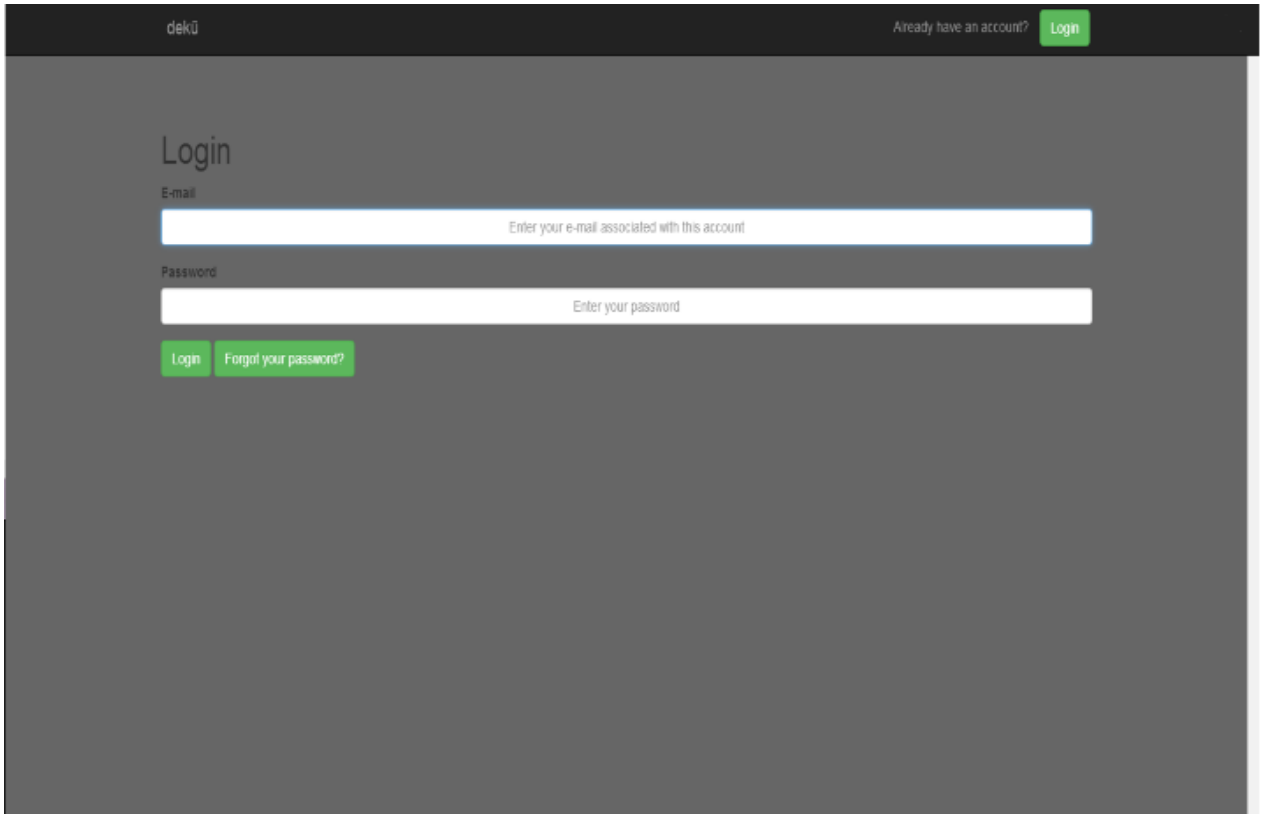
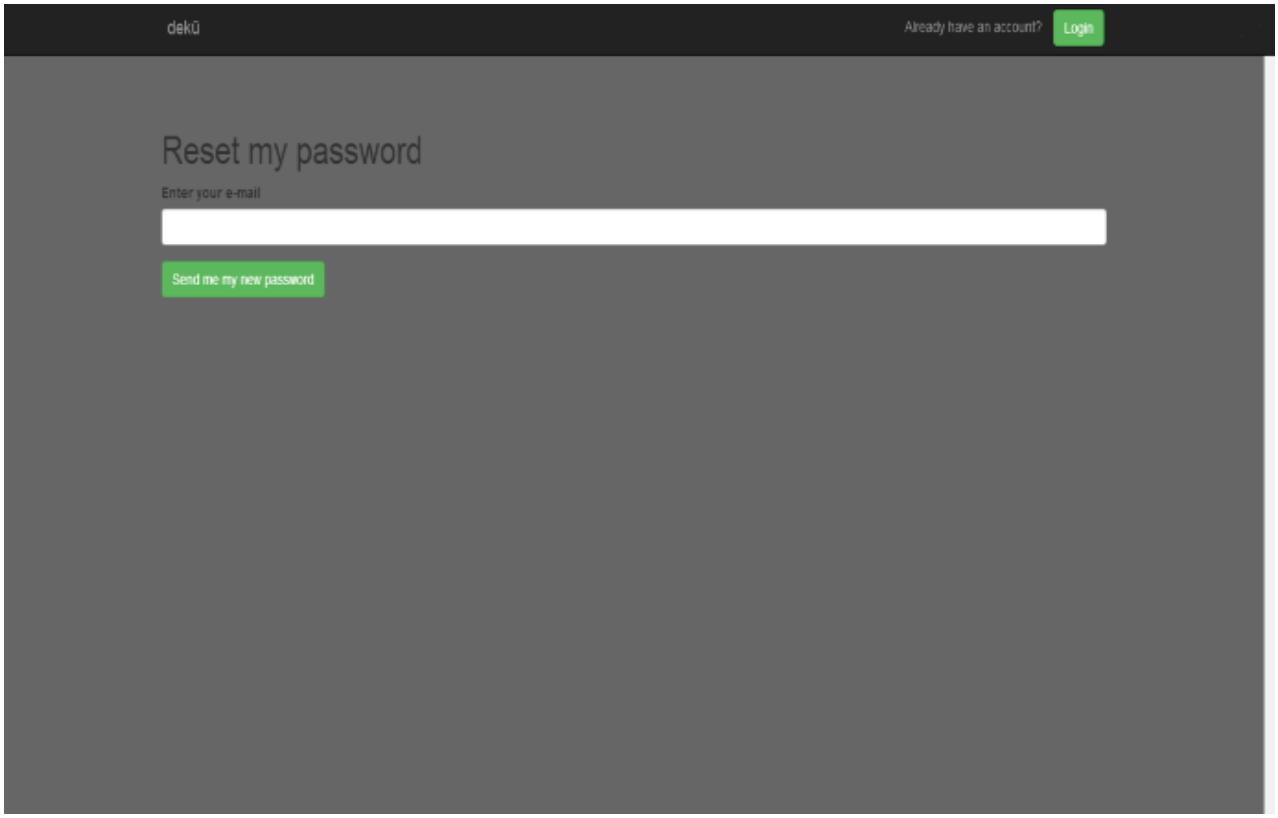


Figure 2.2 – Password reset



4. Data Validation

There are multiple data entry points in the Dekū web application. Please refer to table 4.1 below for information regarding proper inputs and what the limitations of those data entry points are.

4.1 Data Validation Table

Entry Location	Data Type	Limits
Search string	String	Limited by Dekū API
Commenting on a card	String	Comments limited to 240 characters

Include a full description of all data items that can be entered into the system by the user. The description should include the item's basic data type (e.g., integer, string), its limits, and its allowable format(s). Be sure to uniquely identify each data item. For example, if you are using a GUI, a data time can be identified by screen name and data item label. A tabular format works well for the data validation information.

Appendix A - Agreement Between Customer and Contractor

The customer for the dekū social content and sharing site has agreed to this site and the User Interface components, which include the graphical appearance and page layout. This document contains agreed upon site layout and navigation content.

If changes to the requirements develop in the future, this document will be amended and all parties will sign off on the document to make sure that the changes are in accordance with the wishes of the customer.

Client

Name _____ Date _____
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Name _____ Date _____
Signature

Team

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Appendix B - Team Review Sign-off

This document affirms that all of the members of this team have contributed to and reviewed the material within this document. Any minor disagreements between members are listed below.

Team

Name _____ Date _____
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Signature
Comments
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Comments

Appendix C - Document Contributions

Identify how each member contributed to the creation of this document. Include what sections each member worked on and an estimate of the percentage of work they contributed. Remember that each team member must contribute to the writing (includes diagrams) of each document produced.