

dekū
User Interface Design Document

Table of Contents

1. Introduction

1.1 Purpose of This Document

1.2 References

2. User Interface Standards

3. User Interface Walkthrough

4. Data Validation

Appendix A - Agreement Between Customer and Contractor

Appendix B - Peer Review Sign-off

Appendix C - Document Contributions

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 “dropbox” 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

The image shows a web interface for creating an account. At the top, there is a dark header bar. On the left side of the header is a logo consisting of the letters 'deJU' in white, enclosed in a red rectangular box. On the right side of the header, the text 'Already have an account?' is displayed in a small, light gray font, followed by a green rectangular button with the word 'Login' in white text, also enclosed in a red rectangular box. The main content area has a dark gray background. It features the title 'Create account' in a medium-sized white font. Below the title are five white input fields, each preceded by a label in a small white font: 'First Name', 'Last Name', 'Email', 'University', and 'Password'. At the bottom of the form is a green rectangular button with the text 'Sign up for DeJU' in white.

Figure 1.1 – Information must be filled in

The image shows a web form for creating a Deku account. The form is titled "Create account" and is set against a dark gray background. At the top, there is a dark header bar with the "deku" logo on the left and a link "Already have an account? Login" on the right, where "Login" is a green button. The form fields are white and arranged vertically. Each field has a label to its left and a placeholder or error message inside it. The fields are: "First Name" with the message "Please enter your first name", "Last Name" with "Please enter your last name", "Email" with "Enter a valid .edu email address", "University" with "Please select your university from the list", and "Password" with "Your password must be at least 8 characters long". At the bottom of the form is a green button labeled "Sign up for Deku".

deku

Already have an account? [Login](#)

Create account

First Name

Please enter your first name

Last Name

Please enter your last name

Email

Enter a valid .edu email address

University

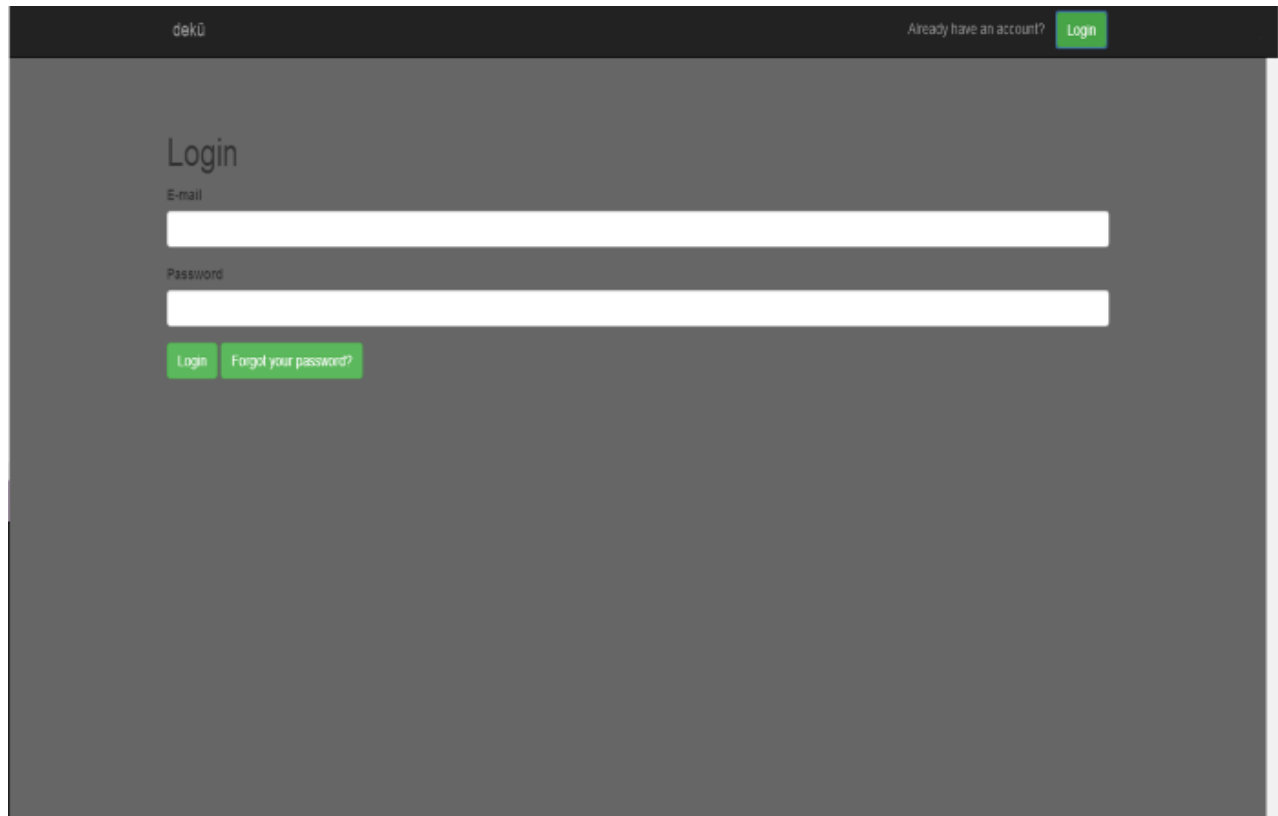
Please select your university from the list

Password

Your password must be at least 8 characters long

[Sign up for Deku](#)

Figure 2.0 – Login page



The image shows a login page with a dark header bar. On the left of the header is the text 'dekü'. On the right is the text 'Already have an account?' followed by a green 'Login' button. The main content area has a dark gray background. It features the word 'Login' in a large font, followed by 'E-mail' and a white input field. Below that is 'Password' and another white input field. At the bottom of the form area are two green buttons: 'Login' and 'Forgot your password?'.

dekü

Already have an account? [Login](#)

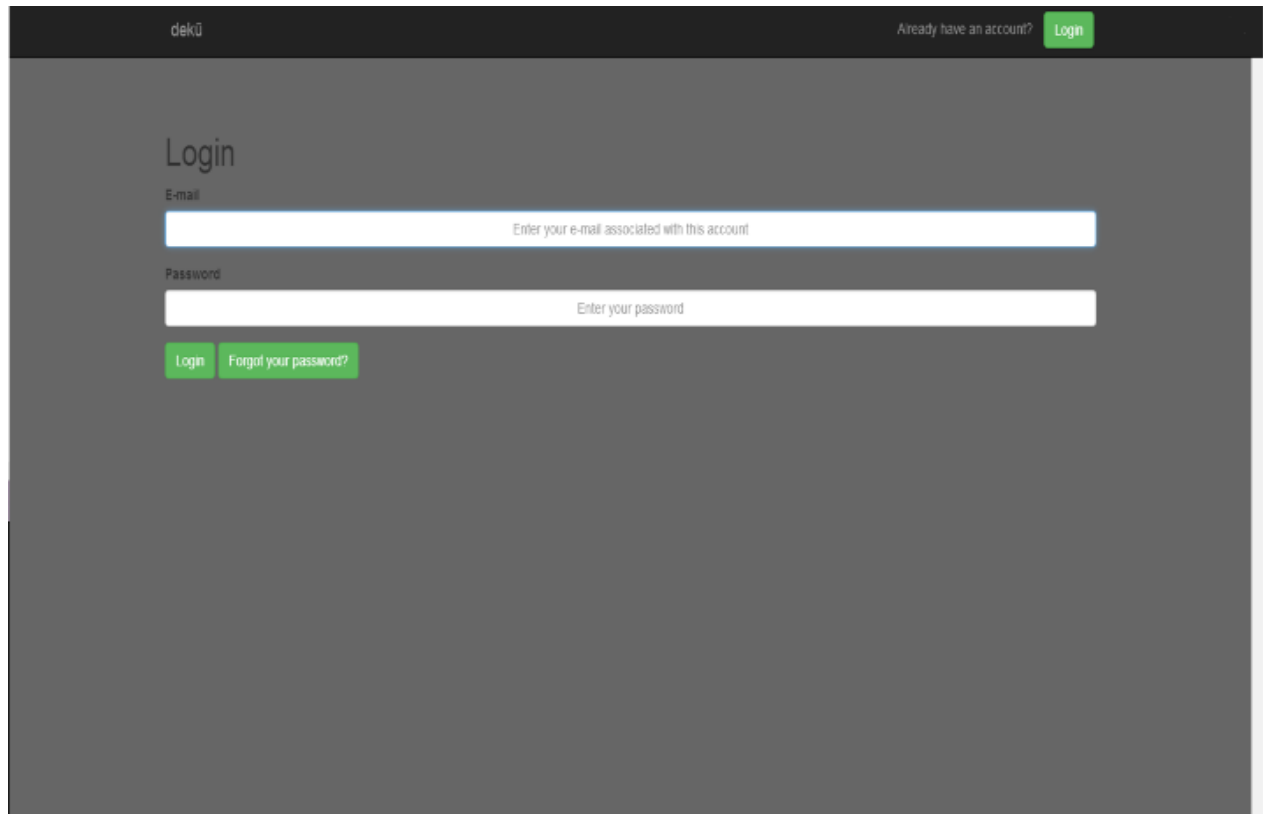
Login

E-mail

Password

[Login](#) [Forgot your password?](#)

Figure 2.1 – Login must be filled in



The image shows a login interface for a service named 'dekü'. At the top, the brand name 'dekü' is on the left, and a link 'Already have an account?' with a green 'Login' button is on the right. The main area has a dark grey background. The word 'Login' is displayed in a large, light font. Below it, the 'E-mail' label is followed by a white input field containing the placeholder text 'Enter your e-mail associated with this account'. The 'Password' label is followed by another white input field with the placeholder 'Enter your password'. At the bottom of the form, there are two green buttons: 'Login' and 'Forgot your password?'.

dekü

Already have an account? [Login](#)

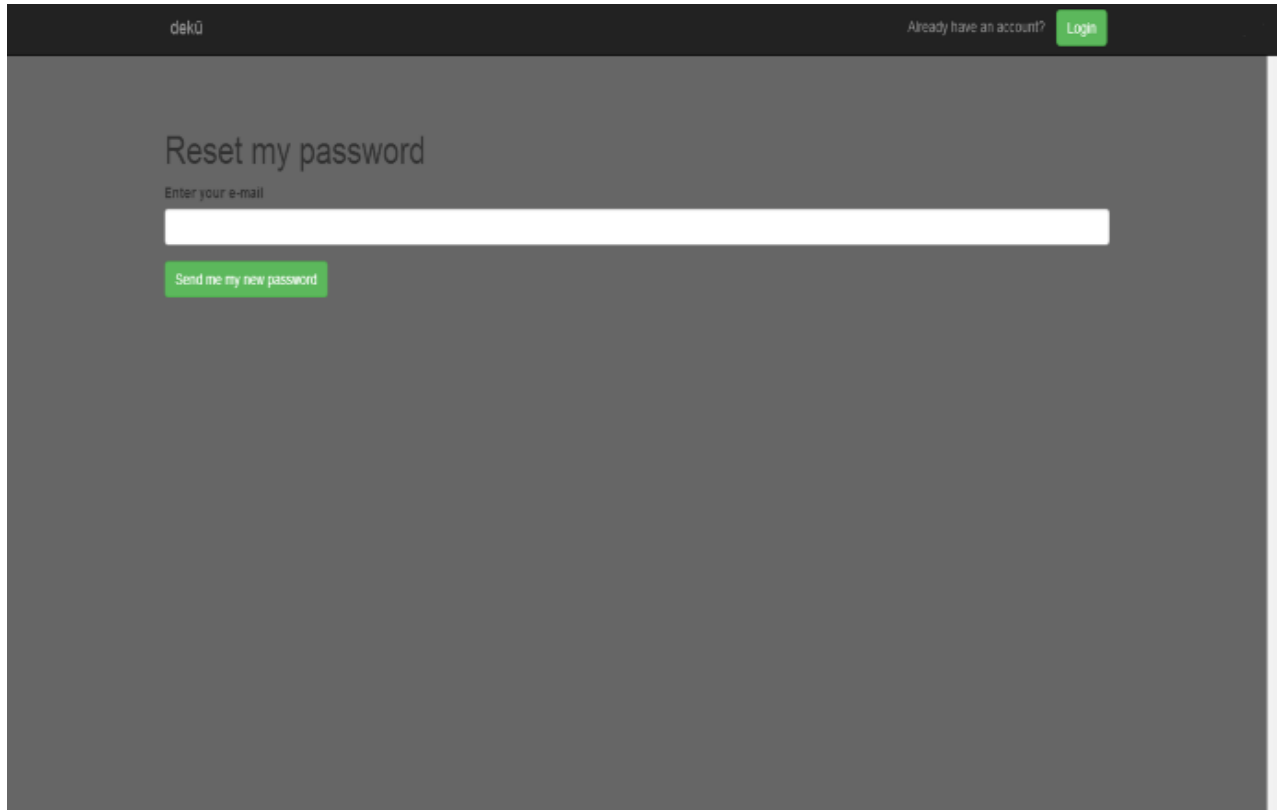
Login

E-mail

Password

[Login](#) [Forgot your password?](#)

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 _____
Print

Name _____ Date _____
Signature

Team

Name _____ Date _____
Print

Name _____ Date _____
Signature

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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 _____
Print

Name _____ Date _____
Signature

Comments

Name _____ Date _____
Print

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Signature

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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.