## User documentation

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## 1.0. User Interface

The User Interface is the main application that the user will interact with. After logging in they are able to register for symposiums and create schedules based off the symposium’s listed events. They are also able to edit their account information and change visual attributes of the site in settings.

### 1.1. Login

The login page is the first page that a user lands on when coming to the user side. The page has two text boxes for the username and password, and a login button underneath the fieldks. If a user forgot their password, a link is right under the login button to assist in resetting the forgot password. For users who don’t have an account yet, there is a sign up here link under the form. At the bottom of the page above the footer, an accessibility button is provided to change settings concerning color schemes and font size. If the user does fails to enter their credentials 5 times, they will be locked out for around 3 minutes before being able to try again. This is done to prevent from brute force hacking attacks.

### 1.1.1. Registration (Sign Up Now)

The registration page has a series of text boxes and other controls to be filled in to register. Note that if the notify by text message box is checked, new phone fields appear. The form contains the fields:

* A username textbox
* An email textbox
* A checkbox for toggling the notify by email for events setting
* A checkbox for toggling the notify by text message for events setting, if checked new fields appear for phone information
* A textbox for a phone number, note that this field is hidden when the checkbox notify by text message is not checked
* A listbox for a phone carrier, note that this field is also hidden when the checkbox notify by text message is not checked
* A textbox for a password
* A textbox to confirm your password

At the bottom of the registration form, there are two buttons: The reset button is used to clear the form, and the register button is used to submit your information and sign up. There is a link at the bottom to return to the login page. All form fields expect valid input, with some restrictions on some of the fields:

* The username must be between 3 and 30 characters, start with a letter, and may contain only letters, numbers, dashes, and periods.
* A valid email address must be provided that follows the form of standard email addresses.
* A 10 digit phone number must be provided, however, a user may use any seperator.
* The password must be at least 6 characters long, and can include any combonation of uper or lower case letters, numbers, or symbols.

### 1.1.2. Forgot Password

The forgot password system is used in case a user can not remember their password. The page has a single textbox for the user’s email address, and a submit button. There is also a link to return to the login page at the bottom of the form. After a user provides their email, and clicks submit, an email is sent to the user containing the username associated with the email address provided and, a link to the reset forgot password page. Emails for the forgot password system have been going to spam, so make sure to check your spam box if you did not recieve the email in your inbox.

After clicking on the link in the email, the user is directed to a new page for resetting the user’ss password. This page contains two textboxes for entering in the user’s new password, and confirming the user’s new password. At the bottom of the form is a reset password button. After providing a new password and confirming the password, and clicking reset password, the user is redirected to the login page where the user can use the new reset password to login to the account.

### 1.2. Control Panel

Four Tab Icons are located at the top of the screen along with a message: Hello ‘**user’s name**’.

* Home Tab: Refreshes page to redirect to initial page after registering for a symposiium.
* Symposium Scheduler Tab: Opens sidebar menu for the symposium scheduler. Gives user options for editing or viewing their current scheduler while also allowing user to switch the current syposium they’re registered for with another if there are others avaviable.
* Accesibility Tab: Opens sidebar menu for accesibility settings. The features on the screen are purely visual, allowing for screen color to be altered through filters and or chaning the current font size of the text.
* User Settings Tab: Opens sidebar menu for User Settings. User is able to change their sign in information, log out, and register for a different conference.

When any tab is pressed besides the home tab, the sidebar comes from the left to cover part of the screen to show it’s menu along with an overlay filter over the remaining screen. They are able to exit the side menu one of three ways.

* Press esc
* Press the exit button on top of the sidebar menu
* Click on top of the overlay filter

### 1.2.1. Home Tab

When pressed, the home tab redirects the user to the index page. Since the program is a single page application, this will act as a refresh and bring them back to the landing page after they registered for a symposium.

### 1.2.1.1. Conference Registration

When the user is first registering for their account or registering for a new conference, they will be presented with the same screen that consists of text describing how to register for new conference, a list box of all of the avaliable conferences, and a register button.

The user will only need to use the dropdown list to select the new symposium, or current symposium, that they wish to register for and submitting through the register button. \* Registering for a new conference will affect their personal schedule as it will not populate events not within the current registered symposium.

### 1.2.2. Symposium Scheduler Sidebar

Symposium Scheduler Sidebar consists of buttons to summon the respective action to view schedule, view and remove events from schedule, see events from both the official symposium schedule and user’s personal schedule to add or remove events, and to view the official symposium website in a new tab.

* Each table holds information for the respectivee schedule (user or official). Each row is one event. The columns are seperated as
  + Name - The title of the event.
  + Data - The date when the event takes place.
  + Time Starts - The time when the event first starts.
  + Time Ends - The time when the event ends.
  + Actions - Underneath the action tab for each event consists of a ‘plus’ or ‘minus’ button except when the user is on ‘View My Schedule’, they allow the user to add or remove the event from their schedule. Beside that, whether or not the ‘plus’ or ‘minus’ button are present, is a ‘more/less info’ button that allows a bottom tab to be pushed down or retracted up that describes information concerning the event.

### 1.2.2.1. View Conference Schedule

View Conference Schedule consists of two inner windows that are populated inside the content page.

* The schedule of all events at the symposium. To the right of each event is a similar icon of the User’s Schedule, the ‘+’ button allows the user to add the event from the symposium to their schedule.
* The user’s current schedule to remove events from (see 1.2.2.3.)

### 1.2.2.2. View My Schedule

View My Schedule consists of the user’s schedule displayed in a table format.

* If no events are on user’s schedule, it will say instead “No events have been added”.
* If the screen dimensions have been changed such as increasing the font size or viewing on a mobile device instead of a desktop, the table will fit the screen to the best it is able, the remaining will be reached inside a smaller inner window that can be scrolled vertically and horizontally.

### 1.2.2.3. Edit My Schedule

Edit My Schedule consists of the same features as View My Schedule in addition to having icons to the very right to each event. These ‘x’ icons allow the user to remove the respective event from their schedule.

### 1.2.2.4. View Website

The View Website link opens a new tab to the symposium’s website, the current page the user on is still open.

### 1.2.3. Accessibility Settings Sidebar

The Accessibility Settings Sidebar consists of two dropdown menus displays for Font Size and Color Scheme respectively, each of which consists of buttons for their respective functions within thier sections.

### 1.2.3.1. Font Size

The font size section consists of a text string telling what the current font size multiplier is on. The current setting is hardcoded to only allow user to increase the font size to 3x. Only the font on the main page of application is altered, font in the menus are unaffected. Below it are three buttons - \* Minus - Decreases Font Size by 1x. \* Reset - Resets Font Size to 1x. \* Plus - Increases Font Size by 1x.

### 1.2.3.2. Color Scheme

The color scheme section consists of three buttons that allow the user to change between filters to change the colors of the screen.

* Default: Removes any filters present.
* Inverse: Changes all colors on the screen to their opposite.
* Graystyle: Changes colors to black and white.

If the user attempts to change to a filter that is already turned on, nothing will happen. If the user attempts to switch to a different filter, any filter currently on will be taken off and replaced with the desired filter.

### 1.2.4. User Settings Sidebar

User Settings Sidebar consists of buttons to allow the user to change their settings, reset their password, register to a new conference, or simply logout.

### 1.2.4.1. Profile Settings

The user is redirected to a uploaded page “Profile Settings”. The page is similar to the page where they are first registering for their account with their current information autogenerated inside each text field. They are able to edit or remove their name, phone number, and email address. They are also able to change what device, if any, they wish to be notified by.

### 1.2.4.2. Reset Password

Takes the user to a new page to reset their password. A user must no their existing password to change their password.

### 1.2.4.3. Register for a Different Conference

Parallel to when the user first signs into the app to register for conference. Please refer to 1.2.1.1. for details.

### 1.2.4.4. Logout

Button logs the user out of their current logged in account. Edits in the Assibility Menu are saved to session cookie upon exit of site. \* If the user returns to the site, their visual assibility settings will placed into their current session and therby picking up the same layout as the one they logged out as. \* Else if the user exits the browser and reenters the site, the session cookie will be expired and a new cookie will be made and set with the default settings of the user’s new session.

## 2.0 Admin Interface

The administrative system is used for creating, viewing, updating, and deleting conference and event information.

### 2.1. Login

The login page is the first page that a user lands on when coming to the admin sight. The page has two text boxes for the username and password, and a login button underneath the fields. If a user forgot their password, a link is right under the login button to assist in resetting the forgot password. For users who don’t have an acount yet, there is a sign up here link under the form. At the bottom of the page above the footer, an accessibility button is provided to change settings concerning color schemes and font size.

### 2.1.1. Registration (Sign Up Now)

The registration page has a series of text boxes and other controls to be filled in to register. Note that if the notify by text message box is checked, new phone fields appear. The form contains the fields:

* A Username textbox
* An Email textbox
* A checkbox for toggling the notify by email for events setting
* A checkbox for toggling the notify by text message for events setting, if checked new fields appear for phone information
* A textbox for a phone number, note that this field is hidden when the checkbox notify by text message is not checked
* A listbox for a phone carrier, note that this field is also hidden when the checkbox notify by text message is not checked
* A textbox for a password
* A textbox to confirm your password

At the bottom of the registration form, there are two buttons: The reset button is used to clear the form, and the register button is used to submit your information and sign up. There is a link at the bottom to return to the login page. All form fields expect valid input, with some restrictions on some of the fields:

* The username must be between 3 and 30 characters, start with a letter, and may contain only letters, numbers, dashes, and periods.
* a valid email address must be provided that follows the form of standard email addresses.
* a 10 digit phone number must be provided, however, a user may use any seperator.
* The password must be at least 6 characters long, and can include any combonation of uper or lower case letters, numbers, or symbols.

### 2.1.2. Forgot Password

The forgot password system is used in case a user can not remember their password. The page has a single textbox for the user’s email address, and a submit button. There is also a link to return to the login page at the bottom of the form. After a user provides their email, and clicks submit, an email is sent to the user containing the username associated with the email address provided and, a link to the reset forgot password page. Emails for the forgot password system have been going to spam, so make sure to check your spam box if you did not recieve the email in your inbox.

After clicking on the link in the email, the user is directed to a new page for resetting the user’ss password. This page contains two textboxes for entering in the user’s new password, and confirming the user’s new password. At the bottom of the form is a reset password button. After providing a new password and confirming the password, and clicking reset password, the user is redirected to the login page where the user can use the new reset password to login to the account.

### 2.2. Administrative Dashboard

The administrative dashboard is the console that conference managers can use to manage all of the information about their conferences. A listbox of all of the conferences this user can manage is provided. The view and delete buttons depend on the selected conference. Note that each admin can only see the conferences they have created. So one admin can not modify the conference information for a conference they did not create. Buttons for viewing, deleting, and creating conferences are provided underneath the conference listbox.

### 2.2.1. Navigation Bar

The navigation bar at the top of the page includes links for returning to the homepage, resetting the users password, and logging out.

### 2.2.1.1. Home

Returns the user to the home screen to re-choose the conference to edit.

### 2.2.1.2. Reset Password

Takes the user to a new page to reset their password. A user must no their existing password to change their password.

### 2.2.1.3. Logout

Logs the user out of their current logged in account.

### 2.2.1. View Conference

Shows all of the conference and event information for the selected conference. Also provides controls for modifying and deleting all of the information.

### 2.2.1.1. Cancel

Returns the user back to the main page to choose another conference to modify.

### 2.2.1.2. Edit Conference

The edit conference button opens up a form for updating conference information. The form is already populated with the existing conference information, all a user has to do is make their edits and save the changes.

The form contains the fields:

* A textbox for the Conference Name
* A text area for the Conference Description
* a textbox for the Start Date
* A textbox for the End Date
* A textbox for the Venue Name
* A textbox for the Street address of the venue
* A textbox for the Zipcode
* a textbox for the City
* a listbox for choosing a State
* A listbox for choosing a Country
* a text area for the Fasility Description
* A textbox for the Amenities provided
* A textbox for the Conference Contact Phone Number
* a textbox for the Conference Contact Email Address
* A group of radio buttons to choose weather your conference is wheelchair acessible or not(yes or no)

At the bottom of the conference information form are three buttons: the reset button for clearing all of the data, a Save Conference button for saving the conference information, and a Cancel button for returning to the conference chooser main page.

Note that the conference name, start date, and end date are the only required fields. All other fields can be left empty.

### 2.2.1.3. Event Information

The events are displayed in a table, where each row in the table is an event. there are several collumns that describe the event. The last right hand collum contains controls for deleting or editing that event. Above the table is a button for creating an event.

### 2.2.1.3.1. Create Event

The create event button opens up a new set of form fields for creating a new event.

The form to create an event includes the fields:

* A textbox for the Event Name
* A textbox for the Start Time
* A textbox for the End Time
* A textbox for the Room
* A textbox for the Floor Number
* A textbox for the Building Name
* A textbox for the Speakers
* A textbox for the Event Date
* A text area for the Event Description
* A group of radio buttons for choosing weather or not the event is wheelchair accessible (Yes or no)

At the bottom of the event information form are three buttons: the reset button for clearing all of the data, a Save event button for saving the event information, and a Cancel button for returning to the view conference page.

### 2.2.1.3.2. Edit Event

The edit event button shows a new form for event information like the create event button, but populates all of the form fields with the existing event information.

For more information about the event form, please see 2.2.1.3.1. Create Event.

### 2.2.1.3.3. Delete Event

This button brings up a prompt asking if the user is sure if they want to delete this event. After the event is deleted, a success prompt is shown to the user. The event table is updated so that it no longer contains the deleted event.

### 2.2.2. Create Conference

The create conference button opens a new form for entering in conference information. This form is very similar to the edit conference form. Note that the Conference Name, start date, and end date are required, everything else is optional.

Please see the section titled 2.2.1.2. Edit Conference for more information about the conference form.

### 2.2.3. Delete Conference

The delete conference button deletes a conference that is selected in the conference listbox. If no conference is selected, nothing happens. After the Delete Conference button is clicked, a prompt is shown to the user, asking them to confirm that they would like to delete the selected conference. On deletion success, a prompt is shown informing them that the conference was deleted.

## 3.0 Known Bugs

### 3.1 User Known Bugs

### 3.2 Admin Known Bugs

* When a admin deletes an event, the event won’t be deleted if a user has already added the event to their user schedule.
* When an admin deletes a conference, it won’t be deleted if a user has already registered for the conference and has events for that conference on their user schedule.

Note that just unregistering all users from a conference is not enough, all events must be removed from user schedules to successfully delete a conference.