

Emergency Class Manager - Requirements

By: Katie Hoskins, Tanya Peacock, Marcus
Strange





Registration

- Sign-up button
 - Label and box for First Name and Last Name
 - Must contain at least 2 letters
 - Accepts a valid email and password
 - Email must contain an @ symbol
 - A password must be at least 8 characters long
 - A password must contain at least one capital and lowercase letter and at least one special character
 - Password must be verified
 - Create account button
 - Checks for used email and password validity



Sign-in

- Sign in button
 - Label and input box for email and password
 - Both email and password will be verified by the server
 - If unverified email:
 - A message will show saying “Could not find email”
 - If unverified password:
 - A message will show saying “Incorrect password”
- The user is directed to the home page



Navigational Bar

- The Home button
- The Roster button
- The Visiting Students button
- The Account button
- The Contact Information button
- The Schedule Event button - Administration only

All clickable icons that navigate to separate pages.



Roster

- Contains a drop down field for class name selection
- Contains a class list for the specific teacher
 - Each student has a drop down field for Present (P), Absent (A), or Missing (M)
 - Includes student name and student ID
- This should allow for any type of school (Elementary, Middle, High)
- Teachers can edit and submit but admins cannot.



Visiting Students

- Contains a comment box to allow teachers to alert administrators of visitors to the classroom.
- Contains a submit button to send the contents of the comment box to administrators.



Contact Information

- Contains the contact information for the administrators.
 - Contact information consists of the phone and email for each administrator.



Scheduled Events - Teacher Only

- Shows list of scheduled events
 - Organized by date.
 - Shows “No Scheduled Events” if none have been scheduled.
 - Contains archive of past events.



Reports - Administration Only

- Contains list only visible to Administration
 - Lists contain Links of Teachers names
 - Links take the user to each teacher's roster.
 - Roster shows which students were present, absent, or missing for each student.
 - Roster is not editable by administration when report is sent.



Archives - Administration Only

- Consists of a list of event links organized by date
 - Each link will show the report from that date
 - Each teacher has their own report



Feedback

- Teacher
 - Contains comment box for teachers to leave feedback about the event
 - This is optional; teachers do not have to fill this out.
 - Submit button will send feedback to administration.
- Administration
 - Contains feedback from teachers from the event.
 - Can be deleted after a certain amount of time.



Admin Panel

- On open, this will show a table with headers of Last Name, First Name, Email, classes assigned for admin to see teachers classes.
 - All of these are editable
 - There is a submit changes and cancel button
 - On submit, a box will appear asking if changes should be made
- There will be a password reset button for administration to reset teacher passwords.
 - This will have a box asking if we are sure we want to reset a password
 - The email associated with the account will be emailed a new password to sign in.



Admin Panel

- Super Admin User
 - This would be a superintendent of a school or school system.
 - This would allow editing of administrator accounts.
 - Create admin account
 - Remove admin account
 - Same as Admin account but with more permissions.



Events Page - Administration

- Administration has the ability to edit the events page
 - Teachers will only see the date and time of events, not an editable form.
- Calendar implementation
 - Admins can input a date on a calendar for an event.
 - Once selected, a time box will appear asking for a set time.
 - A submit box
 - Pops up a dialog box asking if the user is sure they want to submit.
 - If yes, the date and time is submitted and teachers can see it on their dashboard.
 - If no, the teacher is taken back to the calendar.
- Scheduling is optional
 - Administration does not have to select any date and time if they want a surprise drill.



Interesting/Risky Requirements

Admin Panel

- Interested in how we are going to have a teacher login as well as an admin login
- What can the admin do that the teacher cannot?
- How do we make sure only admins sign in to admin accounts?

Registration Form

- There are always security issues that go on when registering accounts
 - Emails
 - Passwords

Archives

- How will we implement this so administration can look back on past events?
- What are the important uses of this requirement?