



CU Pep Band Database Management System

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Introduction

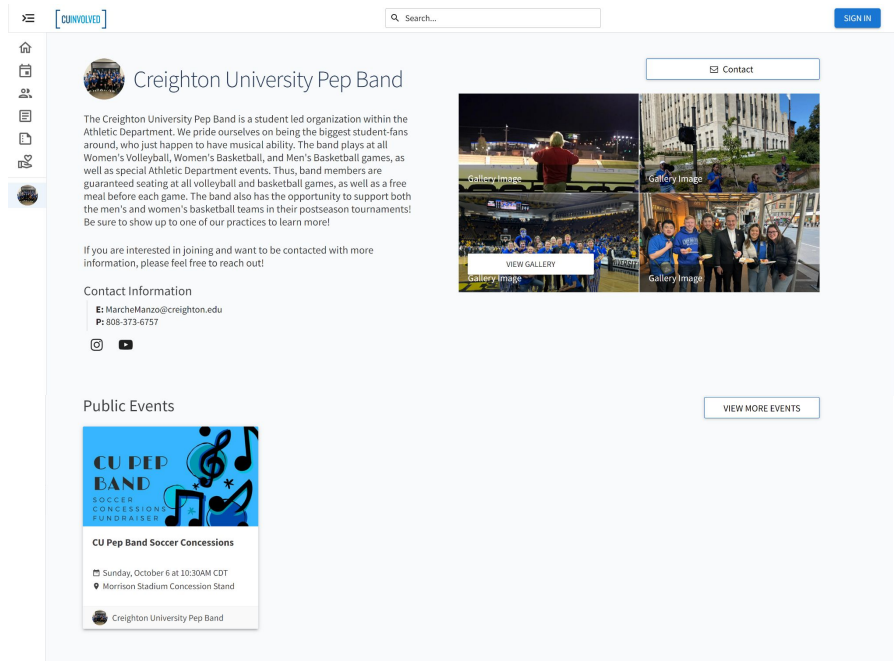
- Executives of the Creighton Pep Band work with lots of data pertaining to
 - Members
 - Songs
 - Instruments
- A DBMS would improve the efficiency and ease of management of this data



User Privilege Layout

General Level Requirements

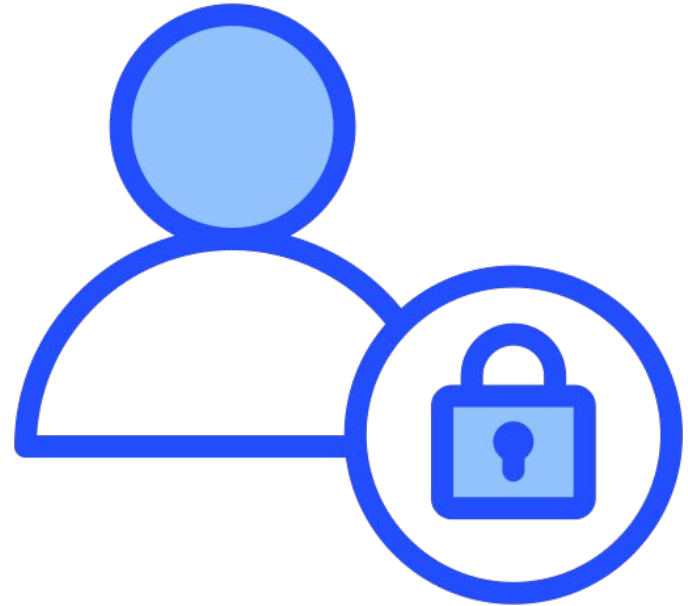
- Access to pep band information
 - About the band
 - What we do
 - Public events
- Access to executive contact information
- Ability to request club registration
 - Login/sign up page for users
 - Requires fields for netID, email, and password
 - Optional fields to request executive account or new member page
 - Two factor identification



The screenshot displays the official website of the Creighton University Pep Band. The header includes a navigation menu with icons for home, about, contact, and events, along with a search bar and a 'SIGN IN' button. The main content area features a large banner with the band's name and a description of their role within the Athletic Department. Below this, there is a 'Contact Information' section with an email address (MarcheManzo@creighton.edu) and a phone number (808-373-6757). A 'Public Events' section highlights a 'CU Pep Band Soccer Concessions' event scheduled for Sunday, October 6 at 10:30AM CDT at Morrison Stadium. The website also includes a gallery of images showing the band performing and a 'VIEW MORE EVENTS' button.

Member Level Requirements

- Permission submit requests
 - Instrument rental
 - Folder rental/replacement
 - Song replacement
- Permission to view all events
- Access to account information
 - View non-executive member information
 - Edit password, member song preferences
 - Request privilege change



Executive Level Requirements

- Search pages for:
 - Members
 - Songs
 - Folders
 - Instruments
- Upload pages for:
 - Setlist generation
 - Attendance scoring
- View requests for:
 - Songs
 - Instruments
 - Folders



Administrative Level Requirements

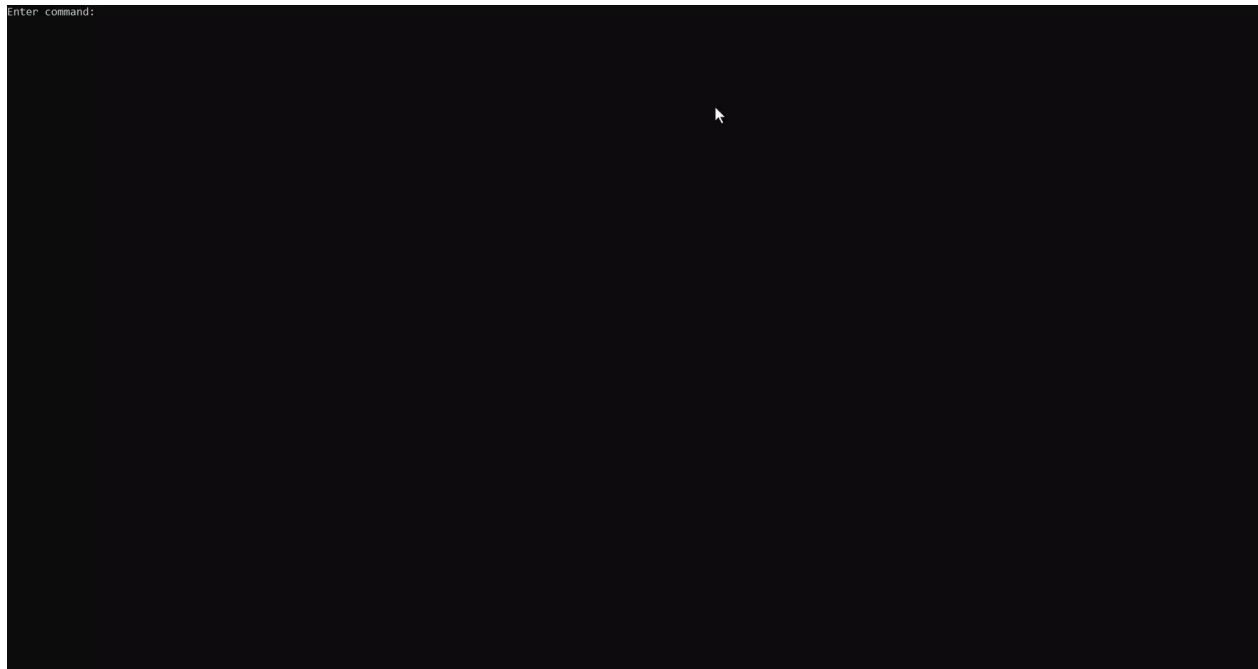
- Search page for app users
 - Change permissions
 - Delete users
- App changelog
 - Check database integrity
- Request page
 - Permission changes
 - Member enrollment



Timeline - Sprint Tasks

1. Develop project concept and layout
2. Work on backend model and phase 1 presentation
3. Create high priority frontend pages (current)
4. Incorporate backend functionality
5. Test app functionality and input sanitization
6. Create and link SQL server to app
7. Create phase 2 presentation





Current Progress - Text-based UI DBMS



Conclusion