

Austin ATTS



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College Event Score System

User Guide

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Introduction

Welcome to the College Event Score System, a comprehensive tool designed for managing participants, events, scores, and rankings within a college event setting. This guide provides detailed instructions on how to navigate the application, use its features, and customize your experience. The system supports multiple user roles, including Admin, Judge, and Viewer, each with specific permissions and capabilities.

Getting Started

Login

Upon launching the application, you will be greeted by the login screen.

1. **Enter Username:** Type your username into the first input box.
2. **Enter Password:** Type your password into the second input box.
3. **Submit:** Click the Submit button to log in.

If your credentials are correct, you will be directed to the main interface. If not, an error message will prompt you to try again.

Main Interface

Menu Bar

The menu bar is located at the top of the application window and contains three primary menus: **File**, **Settings**, and **About**.

File Menu

- **Save:**
 - *Role Required:* Admins and Judges
 - *Functionality:* Saves a backup of the current database to the "backups" folder. This ensures that all data is preserved and can be restored if needed.
- **Open:**
 - *Sub-menu Options:*
 - **Restore Latest:**
 - *Role Required:* Admins
 - *Functionality:* Restores the latest backup of the database, ensuring data is recovered to the most recent saved state.
 - **Restore Custom:**
 - *Role Required:* Admins
 - *Functionality:* Allows the Admin to select a specific backup file to restore from, providing flexibility in data recovery.

Settings Menu

The Settings menu provides options for customizing the application experience.

- **Colour Scheme:**
 - *Functionality:* Opens the theme maker, allowing you to:
 - Change the colour of every widget type.
 - Load, save, and reset themes.
 - Apply a selected theme to your user path for consistency across sessions.

- Open a colour palette to change all instances of a specific colour quickly.
- **Scale:**
 - *Functionality:* Opens an input box where you can select a value between 50 and 200 to change the scale of the application. This allows you to resize the UI to your preference.
- **Logout:**
 - *Functionality:* Logs you out of the application and returns you to the login screen.

All users have access to the Settings menu.

About Menu

The About menu provides information and resources related to the application.

- **Website:**
 - *Functionality:* Redirects you to the official website of the College Event Score System.
- **GitHub:**
 - *Functionality:* Opens the GitHub repository page where the source code and project details are hosted.
- **Descriptions:**
 - *Functionality:* Opens this user guide, providing detailed instructions on using the application.

All users have access to the About menu.

Navigation Panel

The Navigation Panel is located on the left side of the main interface and includes the following elements:

- **College Logo:** Displays the logo of the college.
 - *Admin Feature:* For Admins, clicking the logo opens the Admin Menu.
- **Application Title:** Displays the title "College Event Score System."
- **Navigation Buttons:**
 - **Participants:** Opens the Participants page. *Accessible only by Admins and Judges.*
 - **Events:** Opens the Events page. *Viewers can view but not modify data.*
 - **Scores:** Opens the Scores page. *Viewers can view but not modify data.*
 - **Rankings:** Opens the Rankings page. *Accessible by all users.*
 - **Reports:** Opens the Reports page. *Accessible only by Admins and Judges.*
- **Appearance Option:** A combo box allowing you to switch between Light and Dark mode or use the System Default.
- **Submit Feedback:** Opens a feedback form where you can submit feedback about the application.

Detailed Functionality

Participants Page

Role Required: Admins and Judges

This page allows you to manage participant data.

- **Entry Boxes:**
 - **ID:** Leave blank to add a new participant (auto-generated).
 - **Name:** Enter the participant's name.
 - **Email:** Enter the participant's email.
 - **Phone:** Enter the participant's phone number.
 - **Team:** Assign a team number (1 for individuals, 2-5 for teams).
- **Buttons:**
 - **Add/Update:** Adds a new participant or updates an existing one based on the ID.
 - **Delete:** Deletes the participant with the specified ID.

Note: Selecting a participant from the list box below the entry boxes will auto-fill the fields, allowing for quick editing or deletion.

Events Page

Role Required: Admins, Judges (full access); Viewers (view-only access)

This page allows you to manage event data.

- **Entry Boxes:**
 - **ID:** Leave blank to add a new event (auto-generated).
 - **Name:** Enter the event name.
 - **Type:** Enter the type of event.

- **Date:** Enter the date of the event.
- **Location:** Enter the location of the event.
- **Buttons:**
 - **Add/Update:** Adds a new event or updates an existing one based on the ID.
 - **Delete:** Deletes the event with the specified ID.

Viewers can view event details but cannot modify or add new events.

Scores Page

Role Required: Admins, Judges (full access); Viewers (view-only access)

This page allows you to manage scores.

- **Entry Boxes:**
 - **ID:** Leave blank to add a new score (auto-generated).
 - **Score:** Enter the score.
 - **Date:** Enter the date the score was recorded.
- **Combo Boxes:**
 - **Participant:** Select the participant associated with the score.
 - **Event:** Select the event associated with the score.
- **Buttons:**
 - **Add/Update:** Adds a new score or updates an existing one based on the ID.
 - **Delete:** Deletes the score with the specified ID.

Viewers can view score details but cannot modify or add new scores.

Rankings Page

Accessible by all users

This page allows you to view and calculate rankings.

- **Buttons:**
 - **Calculate Rankings:** Updates the list box below with the latest rankings based on the current scores.
 - **View Rankings:** Opens a new window displaying individual and team rankings, ordered by score.

Reports Page

Role Required: Admins and Judges

This page allows you to generate and view reports.

- **Buttons:**
 - **Generate Reports:** Opens a list of available report types. Once selected, the report is generated and added to the list box below.
 - **View Reports:** Opens the selected report in the application's PDF viewer.

Admin Features

Admin Menu

Only accessible by Admins

When logged in as an Admin, clicking the College logo will open the Admin Menu.

- **Features:**
 - **Admin Terminal:** Opens a fully functioning Python terminal for executing custom scripts.

- **Example Scripts:** Includes scripts for adding users, initializing the database, and changing the database path. Descriptions are provided to guide customization.

Admin Terminal

The Admin Terminal allows for advanced operations, including:

- Running custom Python scripts.
- Managing users, the database, and system settings directly from the terminal.
- Executing example scripts for common administrative tasks.

Customizing the Application

Changing Colour Scheme

Accessible by all users

1. **Open Settings:** Click on Settings in the menu bar and select Colour Scheme.
2. **Customizing:**
 - Modify individual widget colours or use the colour palette to change all instances of a specific colour.
 - Load, save, or reset themes as needed.
3. **Apply Theme:** Save the theme to your user path to maintain consistency across sessions.

Adjusting Scale

Accessible by all users

1. **Open Settings:** Click on Settings in the menu bar and select Scale.
2. **Enter Value:** Input a value between 50 and 200 to adjust the scale of the application.

3. **Apply:** The application will resize according to your selected scale.

Switching Appearance Mode

Accessible by all users

1. **Use the Combo box:** Located in the Navigation Panel, this allows you to switch between Light mode, Dark mode, or System Default.

Providing Feedback

Accessible by all users

1. **Click Submit Feedback:** Located at the bottom of the Navigation Panel.
2. **Fill in the Form:**
 - **Subject:** Enter the subject of your feedback.
 - **Message:** Enter your feedback message.
3. **Submit:** Clicking Submit will open your default email service with a pre-addressed email to CollegeEventScoreSystem@austinatts.co.uk.

Conclusion

This user guide provides a comprehensive overview of the College Event Score System, detailing its features, functionality, and customization options. Whether you are an Admin, Judge, or Viewer, this guide will help you navigate the application effectively and make the most of its capabilities.

For further assistance or to report any issues, please refer to the feedback section or contact support through the provided channels.