Escape Room

The purpose of the project is to develop web based system for escape rooms.

Basic Business Requirements

The system must provide the following functionality:

- Registry with rooms with the following actions:
  - Create room
  - Edit room
  - Delete room
  - Search for a room – by Room Name, Complexity, Best Result, Worst Result
- Registry with escape attempts with the following actions:
  - Create escape attempt
  - Edit escape attempt
  - Search for escape attempt – by Team Name, Date/Time of Attempt, Time spent, Status (success/fail)
- Reporting page containing:
  - Table with all rooms and escape attempts with the following columns:
    - Room Name
    - Complexity
    - Team Name
    - Date/Time of Attempt
    - Time spent
    - Status (success/fail)
  - Table with all rooms and statistical data:
    - Room Name
    - Number of attempts
    - Number of successful attempts
    - Average Time Spent for escape attempts
    - Total Time Spent for escape attempts

Advanced Business Requirements

Additionally the system can provide the following functionality:

- Login page
- Administration registry for users with the following actions:
  - Create user – can be administrator or user
  - Deactivate user
  - Search for user – by Username, Name, Type, Status
- Secure the application so that only authenticated user can see pass the login page
- Add authorization so that only admin users can:
  - Create/Edit/Delete rooms
  - Create/Edit/Deactivate users
  - Edit escape attempts
- Add option for the user to edit his own details
- Logout with redirect to the login page

Follow us:

"Nice to have" Business Requirements

Nice to have features are:

- System log – keeping log for occurred exceptions
- User log – keeping log for the user actions
- Common error handling page – all runtime exceptions to lead to common page
- Styling – style the pages