**Project Requirements:**

**Audience:**

1. The homepage shall include all the shows with the below mentioned details:
   1. Title of the show along with a picture.
   2. Description of the show
   3. Date of the show in dd-mm-yyyy format (Example: 25th July 2018)
   4. Time of the show in 12-hour format
   5. Ticket price (in dollars)
   6. Rating of the show (Example: U/UA/etc.)
   7. Total number of available tickets
2. Search functionality for the audience to look for a show.
3. The web application shall be able to request the following information from Regular Audience and Theatre Appreciation Students while booking the tickets:
   1. \*First Name.
   2. \*Last Name.
   3. \*Email-ID.
   4. \*Number of Tickets.
   5. \*If the audience is a Regular Audience or a Theatre Appreciation Student. (Radio buttons with options if the user is a Regular Audience or a Theatre Appreciation Student.)
   6. If the user selects the option that he is a Theatre Appreciation student, an additional field will be displayed, asking the user for the section enrolled where he will enter his appropriate section number.
   7. In case the user has a doubt regarding his section number, a pop menu will be displayed showing the section numbers, professor’s name and the class meeting time of the respective Theatre Appreciation Section.
4. This web application shall restrict the audience to book no more than 10 tickets/user.
5. In case the user wants to book more than 10 tickets, user receives a notification with the contact details of the administrator like:
   1. Email address of the administrator.
   2. Contact Number.
6. This web application shall be able to show a feedback message to the user after he/she successfully books the tickets with the following details:
   1. Successful reservation of the tickets.
   2. An email has been sent to the mentioned email address.
   3. If he/she wants to cancel their tickets?
7. A confirmation email is sent after the user reserves his tickets, which shall include information like:
   1. An appropriate logo.
   2. An appropriate subject line to the email.
   3. In case the audience wants to cancel their tickets, they can reply to the same email.
8. This web application shall send reminder email 2 days prior to the show including details like:
   1. Subject Line(Reminder)
   2. You have reserved your ticket for a show including the date and time.

**Administrator:**

1. The web application shall allow the administrator to login using his Email address and password.
   1. The criteria for the password shall include:
      1. A minimum of 6 characters in length.
      2. At-least 1 Upper-case letter (Example: A, M, etc.) and 1 Special character (Example: !, @,#,%,&).
2. The dashboard shall include all the shows with the below mentioned details:
   1. Title of the show.
   2. A short summary of the show.
   3. Date of the show in dd-mm-yyyy format. (Example: 25th July 2018)
   4. Time of the show in 12-hour format.
   5. Total number of Tickets Sold.
   6. Total number of Tickets Available.
3. The web application shall allow the administrator to make necessary changes like,
   1. Add new shows.
   2. Modify details of the existing shows like:
      1. Date of the show in dd-mm-yyyy format. (Example: 25th July 2018)
      2. Time of the show in 12-hour format.
      3. Adjust (increase or decrease) the total number of tickets available for the audience.
   3. Add an audience member to the show manually even if he has not reserved his ticket for the show.
   4. Extend the time remaining for ticket reservation.
4. The web application shall allow the publishing and un-publishing of shows by the administrator.
5. This application shall allow an administrator to add another administrator.
6. Administrator shall have the flexibility to delete the information of the completed shows.
7. This application shall allow report generation for each show (for Regular Audience).
8. This application shall allow report generation for each show segregated according to each section number (for Theatre Appreciation Students).