**Project Requirements:**

**Audience:**

1. The web application shall be able to book the show tickets for the entire Maryville Community.
2. The homepage shall include all the shows with the below mentioned details:
   1. Title with picture
   2. Description of the show
   3. Date of the show
   4. Time of the show
   5. Ticket price
   6. Available Tickets
   7. Book Tickets
3. Search functionality for the audience to look for a show.
4. The web application shall be able to request the following information from regular audience while booking the tickets:
   1. First Name
   2. Last Name
   3. Email-ID
   4. Show Date
   5. Show time
   6. Number of Tickets
5. The web application shall be able to request the following information from Theatre Appreciation Students while booking the tickets:
   1. First Name
   2. Last Name
   3. Email-ID
   4. Section enrolled
   5. Show date
   6. Show time
   7. Number of Tickets
6. This web application shall restrict the audience to book no more than 10 tickets/user.
7. 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.
8. If the show is completely booked, user receives a feedback message saying that the show is sold out and including the contact details of the administrator like:
   1. Email address of the administrator.
   2. Contact Number.
9. 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.
10. A confirmation email after the user reserves his tickets shall include:
    1. An appropriate subject line to the email.
    2. An appropriate logo.
    3. In case the audience wants to cancel their tickets, they can reply to the same email.
11. The application shall allow the editing of the audience’s ticket.
12. This web application shall send some reminder email 1-2 days prior to the user registered show including details like:
    1. Subject Line(Reminder)
    2. You have reserved your ticket for a show including the date and time.
13. The audience shall be able to edit the time and date of their reserved ticket.

**Administrator:**

1. The web application shall allow the administrator to login using his Email address and password.
2. The dashboard shall include all the shows with the below mentioned details:
   1. Title
   2. Description of the show
   3. Date of the show
   4. Time of the show
   5. Tickets Sold
   6. 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
      2. Time of the show
      3. Adjust and reserve the number of available tickets to the user.
   3. Add an audience member to the show manually.
   4. Extend the time for ticket reservation.
4. The web application shall allow the publishing and un-publishing of the shows by the administrator.
5. The application shall allow the editing of user’s ticket by the administrator.
6. This application shall allow an administrator to add another administrator.
7. Administrator shall have the flexibility to delete the information of the completed shows.
8. Report generation for each show segregated according to each section (For Theatre appreciation students).