**EVENTCRAFT**

**About**:

EventCraft is a website which helps the customers to book the tickets for many events like Movies, Music Concerts, Art Exhibition, Stand up Comedies, etc. anytime, anywhere. Lists all the events near the customer location. Provides the customers to select their favorite seats. It also provides the customers to cancel the booked tickets. Finally generating the Data Report Analytics.

**Modules**:

Login: Includes Google, Facebook, Twitter OpenID Authentication. A separate login will be provided for Admin, the Event Host and the customers.

Movies: A Movie Event which lets the customers to select the movies in a theatre based on the customer’s location. The customer has the power to select their favorite seats based on their desire show timings.

Music: A Music Concert which lets the customers to select the Concert in a theatre based on the customer’s location. The customer has the power to select their favorite seats based on their desire show timings.

Searching: Basic Search Operation which allows the customers to filter out the events, genre etc.

Payment: The final Payment Gateway will provide the Total Amount, calculating

The base price and including the tax calculations.

**Technology:**

* Code-First Approach – used in creating Location, Theatre, Movies, Music, Seats, Booking, Login Models enabling Migration for all the models.
* Ajax – Used for searching the Events, genres making use of Autocomplete.
* LINQ – Used in controllers to fetch the required data from the database.
* HTML, CSS, BOOTSTRAP – Used in View for front-end UI.

**TimeLine:**

DB Architecture – 17/10/2019 – 18/10/2019

Common Layout Page – 19/10/2019

Index – 20/10/2019

Searching – 21/10/2019

Booking – 22/10/2019 – 23/10/2019

Payment – 24/10/2019 – 25/10/2019

Buffer (Testing & Bug Fixes) – 26/10/2019 – 30/10/2019

Performance & Optimization – 31/10/2019 – 01/11/2019

**Order:**

1. DB Architecture
2. Index
3. Movie Booking
4. Payment
5. Testing & Bug Fixes
6. Performance & Optimization