**Online Movie Ticket Reservation System**

**Requirements Specification Document**

**Introduction:**

This document gives an overview of the Online Movie Ticket Reservation System. It gives in detail the various functional and non-functional requirements of the system.

**Revision History:**

|  |  |  |
| --- | --- | --- |
| **Document Version No.** | **Created/Updated By** | **Created/Updated On** |
| 1.0 | Chellapriyadharshini M | 20 Nov, 2016 |

**Glossary:**

Priority Levels – 1 – Highest Priority

5 – Lowest Priority

Risk Levels – Critical, High, Medium, Low, No Risk

Probability – It is the probability of not implementing the specific requirement.

His – throughout the document, ‘his’ shall be interpreted as ‘his/her’

**Functional Requirements:**

This section gives the details about the Functional Requirements of the system being developed.

|  |  |
| --- | --- |
| **ID** | MTRS-01 |
| **Title** | User Login |
| **Description** | The user logs in to the system by entering his/her Username and Password. |
| **Priority** | 2 |
| **Risk Level** | Medium |
| **Probability** | 2% |

|  |  |
| --- | --- |
| **ID** | MTRS-02 |
| **Title** | Show Details |
| **Description** | Upon logging in the user lands on his dashboard. It should show user details, users past transaction list, movies currently running and recommendations. |
| **Priority** | 1 |
| **Risk Level** | High |
| **Probability** | 5% |

|  |  |
| --- | --- |
| **ID** | MTRS-03 |
| **Title** | Categorize |
| **Description** | The user should be able to view the list of movies categorized by movie titles and cinema hall names. The user should be able to select a movie either by selecting the cinema hall and selecting from the list of movies running there or by clicking on the movie name itself. |
| **Priority** | 1 |
| **Risk Level** | High |
| **Probability** | 2% |

|  |  |
| --- | --- |
| **ID** | MTRS-04 |
| **Title** | Select Seats |
| **Description** | After selecting the movie, the user is shown a seat layout from which he can select the required number of seats in the required area. After finalizing on the seats the user clicks on the Confirm and Pay button. |
| **Priority** | 2 |
| **Risk Level** | High |
| **Probability** | 2% |

|  |  |
| --- | --- |
| **ID** | MTRS-05 |
| **Title** | Payment |
| **Description** | On clicking the Confirm and Pay button, the user is redirected to the screen of the third party payment gateway to facilitate online payment through credit/debit cards or net-banking. |
| **Priority** | 1 |
| **Risk Level** | Critical |
| **Probability** | 1% |

**Non-Functional Requirements:**

|  |  |
| --- | --- |
| **ID** | MTRS-06 |
| **Title** | Security |
| **Description** | A secured method for paying the ticket price and service charges is provided by the third party payment service provider. Also user data is kept secured. |
| **Priority** | 2 |
| **Risk Level** | High |
| **Probability** | 2% |

|  |  |
| --- | --- |
| **ID** | MTRS-02 |
| **Title** | Handle High Traffic |
| **Description** | The site should be able to handle heavy traffic especially during the weekends. |
| **Priority** | 2 |
| **Risk Level** | High |
| **Probability** | 2% |