**Software Development Plan**

* **Risk List**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Priority** | **Impact** | **Mitigation Strategy/ Contingency Plan** |
| Tee Time Membership Levels  (Architectural risk) | Architectural factors for Performance/ accuracy | Critical | On stakeholders  Use Case- Books tee time | Started doing in 1st iteration of elaboration phase and is continued in 1st iteration of construction |
| Submit Standing Tee Time Requests  (Architectural risk) | Architectural factors for Performance/ accuracy | Critical | On stakeholders  Use Case- Submit standing tee time | Started doing in 1st iteration of elaboration phase and is continued in 1st iteration of construction |

* **Requirement Ranking List**

|  |  |  |
| --- | --- | --- |
| **Rank** | **Use Case/ Requirement** | **Comment** |
| High | BooksTeeTime | Risk: Tee Time Membership Levels  Coverage: Core functionality  Criticality: High business value |
| High | SubmitStandingTeeTimeRequest | Risk: Submit Standing Tee Time Requests  Coverage: Core Functionality  Criticality: High business value |
| Medium | CancelTeeTime | Risk: Tee time membership levels  Coverage: Non-Core Functionality  Criticality: Low business value |
| Medium | ModifyTeeTime | Risk: Tee time membership levels  Coverage: Non-Core Functionality  Criticality: Medium business value |
| Medium | CreateMemberAccount | Risk: Tee time membership levels  Coverage: Non-Core Functionality  Criticality: Medium business value |
| Medium | TrackMemberAccount | Risk: Tee time membership levels  Coverage: Non-Core Functionality  Criticality: Medium business value |
| Medium | UpdateMemberAccount | Risk: Tee time membership levels  Coverage: Non-Core Functionality  Criticality: Medium business value |
| Medium | EnterPlayerScores | Risk: Tee time membership levels  Coverage: Non-Core Functionality  Criticality: Medium business value |

* **Iteration Plan**

**Phase: Construction Iteration:1 Start Date: Jan 13, 2020 End Date: Jan 23, 2020**

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| --- | --- | --- | --- | --- |
| **Core Workflows/ Disciplines** | **Use Case/ Requirements** | **Activity/ Task** | **Time**  **(hours)** | **Resources(role)** |
| Requirement | BooksTeetime  CancelTeeTime  ModifyTeeTime  SubmitStandingTeeTimeRequest | BooksTeeTime (All Scenarios)  Write Scenario  CancelTeeTime  Write Scenario  ModifyTeeTime  Write Scenario  SubmitStandingTeeTimeRequest  Write Scenario | 2  2  2  2 | 1 Use case Specifier |
| Analysis | BooksTeetime  CancelTeeTime  ModifyTeeTime  SubmitStandingTeeTimeRequest | BooksTeeTime (All Scenarios)  Domain Model  CancelTeeTime  Domain Model  ModifyTeeTime  Domain Model  SubmitStandingTeeTimeRequest  Domain Model | 1  2  2  1 | 1 System analyst |
| Design | BooksTeetime  CancelTeeTime  ModifyTeeTime  SubmitStandingTeeTimeRequest | BooksTeeTime (All Scenarios)  Interaction Diagram, Design Class diagram  CancelTeeTime  Interaction Diagram, Design Class diagram  ModifyTeeTime  Interaction Diagram, Design Class diagram  SubmitStandingTeeTimeRequest  Interaction Diagram, Design Class diagram | 2  2  2  2 | 1 Use case Engineer |
| Implement | Books tee times  CancelTeeTime  ModifyTeeTime  SubmitStandingTeeTimeRequest | BooksTeeTime (All Scenarios)  Implementing Object Oriented Design  CancelTeeTime  Implementing Object Oriented Design  ModifyTeeTime  Implementing Object Oriented Design  SubmitStandingTeeTimeRequest  Implementing Object Oriented Design | 2  2  2  2 | 1 Component Engineer |
| Test | Books tee times  CancelTeeTime  ModifyTeeTime  SubmitStandingTeeTimeRequest | BooksTeeTime (All Scenarios)   * Testcase * Test Procedure * Execution of test   CancelTeeTime   * Testcase * Test Procedure * Execution of test   ModifyTeeTime   * Testcase * Test Procedure * Execution of test   SubmitStandingTeeTimeRequest   * Testcase * Test Procedure * Execution of test | 2  2  2  2 | 1 Test Engineer |
|  |  | **TOTAL:-** | 38 | 3 Use Case Specifiers  3 System Analysts  3 Use Case Engineers  3 Component Engineers  3 Test Engineers |