**Iteration 1 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  ModifiesTeeTime  MakesStandingTeeTimeRequest  CancelsStandingTeeTimeRequest | BooksTeeTime  -Primary scenario(Gold)  Write Scenario  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Write Scenario  ModifiesTeeTime  -Primary scenario(Gold)  Write Scenario  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Write Scenario  MakesStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Write Scenario  CancelsStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Write Scenario | 2  4  2  3  2  1 | 3 Use case Specifier |
| Analysis | BooksTeetime  ModifiesTeeTime  MakesStandingTeeTimeRequest  CancelsStandingTeeTimeRequest | BooksTeeTime  -Primary scenario(Gold)  Domain Model  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Domain Model  ModifiesTeeTime  -Primary scenario(Gold)  Domain Model  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Domain Model  MakesStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Domain Model  CancelsStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Domain Model | 2  4  2  3  3  1 | 3 System analyst |
| Design | BooksTeetime  ModifiesTeeTime  MakesStandingTeeTimeRequest  CancelsStandingTeeTimeRequest | BooksTeeTime  -Primary scenario(Gold)  Interaction Diagram, Design Class diagram  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Interaction Diagram, Design Class diagram  ModifiesTeeTime  -Primary scenario(Gold)  Interaction Diagram, Design Class diagram  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Interaction Diagram, Design Class diagram  MakesStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Interaction Diagram, Design Class diagram  CancelsStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Interaction Diagram, Design Class diagram | 4  3  3  2  3  2 | 3 Use case Engineer |
| Implement | Books tee times  ModifiesTeeTime  MakesStandingTeeTimeRequest  CancelsStandingTeeTimeRequest | BooksTeeTime (Player-Gold)  -Primary scenario(Gold)  Implementing Object Oriented Design  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Implementing Object Oriented Design  ModifiesTeeTime  -Primary scenario(Gold)  Implementing Object Oriented Design  -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)  Implementing Object Oriented Design  MakesStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Implementing Object Oriented Design  CancelsStandingTeeTimeRequest  -Primary scenario(Shareholder member)  Implementing Object Oriented Design | 6  10  4  6  4  2 | 3 Component Engineer |
| Test | Books tee time  ModifiesTeeTime  MakesStandingTeeTimeRequest  CancelsStandingTeeTimeRequest | BooksTeeTime  -Primary scenario(Gold)   * Testcase * Test Procedure * Execution of test   -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)   * Testcase * Test Procedure * Execution of test   ModifiesTeeTime  -Primary scenario(Gold)   * Testcase * Test Procedure * Execution of test   -Secondary Scenario(Silver, Bronze, Clerk, Pro-shop staff)   * Testcase * Test Procedure * Execution of test   MakesStandingTeeTimeRequest  -Primary scenario(Shareholder member)   * Testcase * Test Procedure * Execution of test   CancelsStandingTeeTimeRequest  -Primary scenario(Shareholder member)   * Testcase * Test Procedure * Execution of test | 3  4  2  3  2  1 | 3 Test Engineer |
|  |  | **TOTAL:-** | 33 | 3 Use Case Specifiers  3 System Analysts  3 Use Case Engineers  3 Component Engineers  3 Test Engineers |

* Project Schedule

Phase: Construction

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Iteration | Minor Milestone | Start Date | End Date | Time (hours) | Resources (Roles) |
| 1 | Tee Times | 1/13/2020 | 1/24/2020 | 33 | 3 Use Case Specifiers  3 System Analysts  3 Use Case Engineers  3Component Engineers  3TestEngineers |
| 2 | Memberships | 1/25/2020 | 02/13/2020 | 12 | 1 Use Case Specifiers  1 System Analysts  1 Use Case Engineers  1Component Engineers  1TestEngineers |
| 3 | Player Scores | 02/14/2020 | 02/28/2020 | 12 | 1 Use Case Specifiers  1 System Analysts  1 Use Case Engineers  1Component Engineers  1TestEngineers |
|  |  |  | Total | 57 | 1 Use Case Specifiers  1 System Analysts  1 Use Case Engineers  1 Component Engineers  1 TestEngineers |

* Phase Plan

Project Schedule

Phase: Transition

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| --- | --- | --- | --- | --- | --- |
| Iteration | Minor Milestone | Start Date | End Date | Time (hours) | Resources (Roles) |
| 1 | Beta Release | 03/09/2020 | 1/24/2020 | 25 | 1 Componenet Enginner  1 Test Engineers  1 Integrators  1 System Tester |
| 2 | Final Release | 1/25/2020 | 04/03/2020 | 30 | 1 Componenet Enginner  1 Test Engineers  1 Integrators  1 System Tester |
|  |  |  | Total | 55 | 1 Componenet Enginner  1 Test Engineers  1 Integrators  1 System Tester |