CITE

30003389,30003918, P459899

Software Development Master Document

Rapid App Development AT2

Contents

[Software Requirements Specification (Sprint 3) 1](#_Toc26859083)

[Introduction 1](#_Toc26859084)

[Overview 1](#_Toc26859085)

[Client 1](#_Toc26859086)

[Requirements 1](#_Toc26859087)

[Sprint One 1](#_Toc26859088)

[Sprint Two 1](#_Toc26859089)

[Sprint Three 1](#_Toc26859090)

[Handover 1](#_Toc26859091)

[Platform 2](#_Toc26859092)

[Goals and Scope 2](#_Toc26859093)

[End of Sprint Deliverables 2](#_Toc26859094)

[Sprint One 2](#_Toc26859095)

[Sprint Two 2](#_Toc26859096)

[Sprint Three 2](#_Toc26859097)

[Handover 3](#_Toc26859098)

[Risk Management 3](#_Toc26859099)

[Associated Risks 3](#_Toc26859100)

[Risk Mitigation 3](#_Toc26859101)

[Scheduling and Deadline Management 3](#_Toc26859102)

[Technical Process 3](#_Toc26859103)

[Front-end Development: 3](#_Toc26859104)

[Back-end Development 4](#_Toc26859105)

[Quality Assurance 4](#_Toc26859106)

[Initiation and Planning 4](#_Toc26859107)

[Review 4](#_Toc26859108)

[Iteration Audits 4](#_Toc26859109)

[Final Verification and Validation 4](#_Toc26859110)

[Source Control Snapshot 5](#_Toc26859111)

[Version Control 5](#_Toc26859112)

[Branches 5](#_Toc26859113)

[Top Level Repository 5](#_Toc26859114)

[Code Level Repository 6](#_Toc26859115)

[Database Exports Level 6](#_Toc26859116)

[Documentation Level 6](#_Toc26859117)

[Analysis Report 7](#_Toc26859118)

[Introduction 7](#_Toc26859119)

[CITE Managed Services Software Development Rules and Procedures 7](#_Toc26859120)

[Methodology 7](#_Toc26859121)

[Intellectual Property and Security 7](#_Toc26859122)

[Coding Standards 8](#_Toc26859123)

[CITE Managed Services Quality Assurance 8](#_Toc26859124)

[Quality Management 8](#_Toc26859125)

[Quality Assurance Practices During Development 9](#_Toc26859126)

[Testing 9](#_Toc26859127)

[ACME Entertainment Development Requirements 9](#_Toc26859128)

[Functional Requirements 9](#_Toc26859129)

[Non-Functional Requirements 9](#_Toc26859130)

[Scale 10](#_Toc26859131)

[Multi-Platform Report 11](#_Toc26859132)

[Introduction 11](#_Toc26859133)

[Adaptive Design 11](#_Toc26859134)

[Benefits 11](#_Toc26859135)

[Risks 11](#_Toc26859136)

[Responsive Design 11](#_Toc26859137)

[Benefits 11](#_Toc26859138)

[Risks 12](#_Toc26859139)

[Summary 12](#_Toc26859140)

[Responsive Design for Application Front-End 12](#_Toc26859141)

[Bootstrap 12](#_Toc26859142)

[Software Testing Plan 13](#_Toc26859143)

[Introduction 13](#_Toc26859144)

[Acronyms 13](#_Toc26859145)

[Scope 13](#_Toc26859146)

[In Scope 13](#_Toc26859147)

[Out of Scope 14](#_Toc26859148)

[Quality Objective 14](#_Toc26859149)

[Test Methodology 14](#_Toc26859150)

[Quality Objective 14](#_Toc26859151)

[Test Levels 14](#_Toc26859152)

[Bug Triage 14](#_Toc26859153)

[Test Completeness 14](#_Toc26859154)

[Test Deliverables 14](#_Toc26859155)

[Resources 15](#_Toc26859156)

[Testing Tools 15](#_Toc26859157)

[Testing Environment 15](#_Toc26859158)

[Quality Assurance 15](#_Toc26859159)

[Initiation and Planning 15](#_Toc26859160)

[Initiation and Planning 15](#_Toc26859161)

[Iteration Audits 15](#_Toc26859162)

[Testing Report 15](#_Toc26859163)

[Full Names 15](#_Toc26859164)

[Emails 16](#_Toc26859165)

[Figure 1 17](#_Toc26859166)

[Figure 2 17](#_Toc26859167)

[Figure 3 17](#_Toc26859168)

[Test cases 18](#_Toc26859169)

[The following screen shots are test cases for the movie data base that has been created. Within this section it shows all functionality that has been created from sprint 1 and 2 being tested on three separate web browsers; Google Chrome, FireFox and Internet Explorer. 18](#_Toc26859170)

[Large Screen 18](#_Toc26859171)

[Google Chrome 18](#_Toc26859172)

[Internet Explorer 26](#_Toc26859173)

[FireFox 35](#_Toc26859174)

[Medium Layout 45](#_Toc26859175)

[Google Chrome 45](#_Toc26859176)

[Internet Explorer 55](#_Toc26859177)

[FireFox 63](#_Toc26859178)

[Small Layout 73](#_Toc26859179)

[Google Chrome 73](#_Toc26859180)

[Internet Explorer 83](#_Toc26859181)

[FireFox 93](#_Toc26859182)

[Validation 104](#_Toc26859183)

[Meeting Minutes 105](#_Toc26859184)

[5/11/2019 Meeting Minutes 105](#_Toc26859185)

[6/11/2019 Meeting Minutes 105](#_Toc26859186)

[12/11/2019 Meeting Minutes 106](#_Toc26859187)

[19/11/2019 Meeting Minutes 106](#_Toc26859188)

[26/11/2019 Meeting Minutes 107](#_Toc26859189)

[Performance Report 108](#_Toc26859190)

[HTML 108](#_Toc26859191)

[Dr. Watson 108](#_Toc26859192)

[Web Page Analyzer 108](#_Toc26859193)

[WordPress 108](#_Toc26859194)

[Joomla 108](#_Toc26859195)

[CSS 109](#_Toc26859196)

[CSS LINT 109](#_Toc26859197)

[Code Beautifier 109](#_Toc26859198)

[W3C CSS Validator 109](#_Toc26859199)

[PHP 110](#_Toc26859200)

[Xdebug’s Profiler 110](#_Toc26859201)

[Retrace 110](#_Toc26859202)

[PHP Code Beautifier 110](#_Toc26859203)

[SQL 111](#_Toc26859204)

[Database Performance Analyzer 111](#_Toc26859205)

[Database Performance Analyzer can be used for multiple types of analysis including Intuitive performance analysis, Blocking analysis, Database, index, and query tuning advisors and more. 111](#_Toc26859206)

[Redgate SQL Monitor 111](#_Toc26859207)

[Idera DB Optimizer 111](#_Toc26859208)

[Software Review Plan 112](#_Toc26859209)

[What is Software Review Plan? 112](#_Toc26859210)

[Items to Review 112](#_Toc26859211)

[Software Review Checklist 113](#_Toc26859212)

## 26/11/2019 Meeting Minutes

**Attendance**

* Brandon Price
* Kyer Potts
* Luke Gough

**Agenda Items**

* Software Review Plan.
* WCAG standards
* Colour Theme
* Update Documentation
* Review and demonstration of handover to client.

## 10/12/2019 Meeting Minutes

**Attendance**

* Kyer Potts
* Luke Gough

**Agenda Items**

* Software Review Report.
* Review and demonstration of handover to client.