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|  | **DUNGEON OF DOOOM**  **TEST PLAN REPORT** |

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| **[team memberS]**  MATTSI JANSKY  TASSOS GEMTOS  SELIN KUTLAMIS  ARYA ramdev  QIAN ZHOU  XIAOXIAO FAN |

TEST PLAN

Testing is a crucial part of designing a software system. Testing enables us to make a clear concise design decisions early in development and by providing tests that match these designs ensures that if these design decisions are changed, appropriate attention and fair warning will be given to their impact. Kaner (2006) suggests that tests should not be absolute and final but should start off simply and evolve over time with the system. In line with this we aim to start with few, basic tests and add new tests as we add new features via Test Driven Development.

In this sense, we are closer to using Exploratory Testing rather than Automated Testing- that is, the responsibility for running tests belongs with the developer and not an automated system. We must vigilantly run tests ourselves.

We intend to test the system using Unit and Integration Tests, both Black-Box and White-Box, including boundary cases. Unit testing will likely necessitate that we use stubs and build our system in a component-oriented or modular way (ISTQB Exam Certification, n.d.).

**Test-Driven Development**

We will follow test-driven development, writing interfaces or stubs of our components first and tests for those unimplemented components.

**Tests**

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| --- | --- | --- | --- | --- |
| Test name | Component being tested | Input | Expected output | Purpose |
| ShouldConnectToDatabase | DatabaseConnection | n/a | An open database connection | Can generate a database connection |
| ShouldCloseDatabase | DatabaseConnection | n/a |  | Can close a generated connection |

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| Accent icon | Meeting Minutes |

# Call to order

A meeting of Team B was held at EB0.7 on 09-NOV-2016.

# Attendees

Attendees included Arya, Mattsi, Anastasios, Xiao, Qian, Selin.

# Members not in attendance

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# Approval of minutes

* Sprint 0
* Selin was elected as team leader unanimously.
* Format was set for Project Diary.
* Requirement analysis.
* Trello Setup.
* Github Setup.
* Documentation of Use Cases

# Reports

* Validated Use Cases
* Produced layout for login-registration screen and main menu.
* Create CRC cards for the first two use cases.

# Unfinished business

* Create CRC from all Use cases

# New business

* Create tasks from Use cases

# Announcements

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# Call to order

A meeting of Team B was held at CB5.12 on 14-NOV-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin.

# Members not in attendance

Members not in attendance included Arya.

# Approval of minutes

* Layout for login-registration screen and main menu uploaded on Trello.
* CRC cards for the first two use cases uploaded on Trello.

# Reports

* Completed CRC cards for all use cases.
* The project was split into tasks.
* Time estimation on each task was set.

# Unfinished business

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# New business

* UML design.

# Announcements

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| Anastasios Gemtos |  | 14-NOV-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at EB0.7 on 16-NOV-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

* CRC cards were added to project’s documentation.
* Few changes on time estimation were made and we added tasks on Trello.

# Reports

* System architecture was discussed (3-tier architecture).
* Created UML classes for Server-side.

# Unfinished business

* UML classes for client-side

# New business

* Layouts for game screen and maps
* Database set up

# Announcements

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| Anastasios Gemtos |  | 16-NOV-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at CB5.12 on 21-NOV-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

* UML tool was used to create UML diagrams for server.

# Reports

* Created UML classes for Client-side and made a few changes on Server-side UMLs.

# Unfinished business

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# New business

* Review all the documents created so far.
* Start coding.

# Announcements

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| Anastasios Gemtos |  | 21-NOV-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at CB5.8 on 23-NOV-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

* UML diagrams were added into our project’s documentation.

# Reports

* Reviewed all the documents about requirement analysis, Use Cases, CRC cards, system architecture and design, UML diagrams and test planning.

# Unfinished business

* Need to integrate all documents into a single one.

# New business

* Start coding.

# Announcements

* The code development of the project begins next Monday

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| Anastasios Gemtos |  | 23-NOV-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at CB5.12 on 28-NOV-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

* Changes were made to all documents to be more clear and less ambiguous.

# Reports

* Created a single document that explains our system’s architecture and design based on requirement analysis.
* Created tasks on Trello (Sprint 4).
* Created a document for style conventions both for documentation and coding.
* Meeting with Julian Padget to demonstrate our progress so far.

# Unfinished business

* Need to split the Use Cases into user stories and design use cases.
* Need to restructure our document.

# New business

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# Announcements

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| Anastasios Gemtos |  | 28-NOV-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at EB0.7 on 30-NOV-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

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# Reports

* We worked in pairs to complete database functionality, login/registration functionality and map parsing by the server.

# Unfinished business

* Need to split the Use Cases into user stories and design use cases.
* Need to restructure our document.

# New business

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# Announcements

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| Anastasios Gemtos |  | 30-NOV-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at CB5.12 on 5-DEC-2016

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

Xiao

# Approval of minutes

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# Reports

* We discussed about remaining functionality and tasks are assigned. Meeting with the customer is happened.

# Unfinished business

* Score Implementation, bot functionality
* Need to restructure our document.
* Exit and leave condition
* User guide and tutorial

# New business

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| Selin Kutlamis |  | 05-DEC-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at EB0.7 on 7-DEC-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

Xiao

# Approval of minutes

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# Reports

* We worked in pairs to complete movement functionality, visibility functionality and documentation.

# Unfinished business

* Score Implementation, bot functionality
* Need to restructure our document.
* Exit and leave condition
* User guide and tutorial

# New business

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| Selin KUTLAMIS |  | 07-DEC-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at CB.5.12 on 12-DEC-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

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# Reports

# Unfinished business

# New business

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# Announcements

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| Anastasios Gemtos |  | 12-DEC-2016 |
| Secretary |  | Date of approval |

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# Call to order

A meeting of Team B was held at EB0.7 on 14-DEC-2016.

# Attendees

Attendees included Mattsi, Anastasios, Xiao, Qian, Selin, Arya.

# Members not in attendance

# Approval of minutes

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# Reports

# Unfinished business

# New business

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# Announcements

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| Anastasios Gemtos |  | 14-DEC-2016 |
| Secretary |  | Date of approval |