Minecruft

Test Plan

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## Introduction

### Purpose of This Document

The purpose of this document is to outline the objectives and strategy for testing Minecruft.

### Objectives

The objective of this document is to define all testing required to ensure the application is at an acceptable level of quality for release. This will be achieved through running tests to find bugs as throughout the development process.

### Tasks

List all tasks identified by this Test Plan, i.e., testing, post-testing, problem reporting, etc.

### Tactics

List here how you will accomplish the items that you have listed in the "Scope" section. For example, if you have mentioned that you will be testing the existing interfaces, what would be the procedures you would follow to notify the key people to represent their respective areas, as well as allotting time in their schedule for assisting you in accomplishing your activity?

## Testing Strategy

Describe the overall approach to testing. For each major group of features or feature combinations, specify the approach which will ensure that these feature groups are adequately tested. Specify the major activities, techniques, and tools which are used to test the designated groups of features.

The approach should be described in sufficient detail to permit identification of the major testing tasks and estimation of the time required to do each one.

### Unit Testing

The development team are responsible for writing unit tests for all code written. The Testing team may be required to advise on integrated unit tests, based on main functional areas.

Where possible, mocked unit tests will be written to minimize the time taken to run the full suite by removing database reads/writes and unnecessary processing.

The full unit test suite will be run every time new code is delivered, and on a nightly basis.

### System and Integration Testing

Definition: List what is your understanding of System and Integration Testing for your project.

Participants: Who will be conducting System and Integration Testing on your project? List the individuals that will be responsible for this activity.

Methodology: Describe how System & Integration testing will be conducted. Who will write the test scripts for the unit testing, what would be sequence of events of System & Integration Testing, and how will the testing activity take place?

### Performance and Stress Testing

Definition: List what is your understanding of Stress Testing for your project.

Participants: Who will be conducting Stress Testing on your project? List the individuals that will be responsible for this activity.

Methodology: Describe how Performance & Stress testing will be conducted. Who will write the test scripts for the testing, what would be sequence of events of Performance & Stress Testing, and how will the testing activity take place?

### User Acceptance Testing

Very early in the process, pre-releases will be made available to the beta testing community of players. These players will be able to give an early view of the game’s reception.

The Beta Test Community Manager will be responsible for making these releases available, their announcements, and receiving feedback through surveys, etc.

## Test Schedule

Include test milestones identified in the Software Project Schedule as well as all item transmittal events.

Define any additional test milestones needed. Estimate the time required to do each testing task. Specify the schedule for each testing task and test milestone. For each testing resource (that is, facilities, tools, and staff), specify its periods of use.

### Major Deliverables

The following are the major testing related deliverables and their due dates. These may change depending on resource availability.

* Test Cases
  + Work on test cases will commence simultaneously with the development effort. The test cases will be released as they are completed.
* Test Incident Reports
  + When any defects are found while testing, bug tickets should be created for these immediately.
  + Weekly reports of all discovered and resolved defects will be circulated to the project team over the course of the project.
* Test Summary Reports

## Risks

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