Jodel

Test Strategy Document

Jodel

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Revision Number	Revision Date	Author(s)	Revision Description

Contents

1. INTRODUCTION

1.1. Description of Testing

Software testing is a method of assessing the functionality of a software program.

1.2. Definitions, Acronyms, and Abbreviations

1.3 References / Project Artifacts

Reference	File Name

2. RESOURCE REQUIREMENTS

2.1 Testing Environment

We will test Jodel android application version 4.65.3 on physical device Lenovo A2016a40 with android version 6.0. For compatibility with different devices and android version we will use emulator.

2.2. Testing Tools

For automation testing we will use Appium. Programming language java with JUnit framework using eclipse JUNO.

3. TESTING SCOPE

3.1. Levels of Testing

We will perform different type of testing for Jodel application.

- o **Functional Testing**
- o **Regression Testing**
- o **Compatibility Testing**

3.2 Important Features to Test

Features	Description
1. Posting Jodel	• User should able to post Jodel to everyone on campus.
2. Location Feature	• Location should work properly as per GPS or network provided.
3. Settings of Jodel app	• Settings of Jodel application should work according to user.
4. Most recent/ most commented/ loudest	• These categories should work properly.
5. Voting Feature	• Voting feature should work.

Note: we will also perform monkey testing to check application behavior whether application is crashing on invalid inputs or responding normally.

4. Problematic Release

I can define problematic release, a release with open known issue. Issue on merging code. Regression occurs because of new feature implementation or because of bug fixes.

4.1 How to Avoid Problematic Release:

To avoid Problematic Release you have to:
- Understand the current state of release management.
- Establish a regular release cycle.
- Establish a release infrastructure early.
- Automate and standardize as much as you can.
- Proper release notes.

5. APPROVALS

This section defines the individuals who have approval authority during the performance testing process for this project.

Name	Title	Signature	Date

8. Document Tracking

Date	Action Taken	By Whom

9. Explanation on Prioritization of Important Feature to Test

I listed five feature as most important to Test and the reasons behind them are:

Posting Jodels is most important feature of application is because this is the core functionality of application without this feature identity of Jodel is nothing. Audience is using application for that feature.

Location Feature: Location feature is important too because if Jodel somehow gets wrong location, user will stop using it because they want to know about surroundings.

General setting of Application: Mostly user wants their customize settings, so this one is also important feature to test.

Most recent/ most commented/ loudest: These categories should show data as per user. If user want to check the Jodel with most comments, he/she should able to check.

Voting Feature: User should able to vote for good or bad. Here is my suggestion there should be an option to edit you vote.