

# Group 29 (AKT)

## Test Plan

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Table 1: **Revision History**

Version	Date	Notes
1.0	18/10/17	Created Document
1.1	24/10/17	Updated content and formatting
1.2	26/10/17	Updated content
1.3	27/10/17	Finalized content for rev.0

# 1 General Information

## 1.1 Purpose

The purpose of this test plan is to verify that the program works as intended and was implemented correctly with the utmost confidence.

## 1.2 Scope

This test plan provides the basis for testing the Reddit-Clone program's functionality and that it properly mimics the functionality of the original open source project Reddit. The program allows for users to post, discuss, and curate user created content.

The testing of Reddit-Clone means to cover static testing and dynamic testing through black box, white box, manual, and automated tests. This document is an outline of the testing methods including the testing tools to be utilized.

## 1.3 Acronyms, Abbreviations, and Symbols

Table 2: **Table of Abbreviations**

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Abbreviation	Definition
AKT	Alex, Kathryn, Tommy; also the team name (see Definitions table)
PoC	Proof of concept, project as of October 16, 2017
DevPlan	Development Plan document

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Table 3: **Table of Definitions**

Term	Definition
Reddit	The original Reddit open source project to be recreated ( <a href="http://www.reddit.com">http://www.reddit.com</a> )
Reddit-Clone	The project being created.
AKT	The developer team for Reddit-Clone
Up Vote	A term for "liking" a post/comment on Reddit-Clone.
Down Vote	A term for "disliking" a post/comment on Reddit-Clone.
Subreddit	A page containing the posts of a certain topic
GUI	Graphic User Interface
Post	A submission by an authenticated user that contains text and/or media attachments
Comment	An authenticated user's text response to another user's post or comment

## 2 Plan

This section provides information on the Reddit-Clone project and the software testing plan. This plan is based off of the main functionality that exists as of the PoC as well as any additional functions outlined in the DevPlan.

### 2.1 Software Description

Reddit-Clone will allow authenticated users create posts, subreddits and comments as well as curate others' content through up-votes and down-votes. The program is implemented in JavaScript with Angular 4 and Ionic 2 framework.

### 2.2 Test Team

The testing team for Reddit-Clone are all members of the AKT Development team: Alex Trudeau, Kathryn Kodama, Tommy Tran. The lead tester will be Tommy Tran.

### 2.3 Tools Used for Testing

The dynamic testing will utilize the following tools. Mocha and Angular 4 testing packages will be used to test the JavaScript functionality of this project.

The static testing will be performed without additional tools. The HTML/Css testing will be tested through observation on Unix, Windows, iOS, and Android environments.

## 2.4 Testing Schedule

Table 4: **Testing Schedule**

<b>Date</b>	<b>Task</b>	<b>Team Member</b>
30/10/2017	Create user account and verify	Kathryn Kodama
01/11/2017		

## **3 System Test Description**

### **3.1 Tests for Functional Requirements**

#### **3.1.1 User Input**

#### **3.1.2 Navigation**

### **3.2 Tests for Nonfunctional Requirements**

#### **3.2.1 Usability**

#### **3.2.2 Performance**