NEWS PHONE APPLICATION

Test Plan

COP 4331 Section 1
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GROUP 8

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TEST PLAN

Modification history:

Version	Date	Who	Comment
v1.0	09/20/10	Stephen Rodriguez	Initial test plan created

1 Introduction

1.1 Overall Objective for Software Test Activity

- The objective for the Software Test Activity is to ensure that the mobile application meets all of the standards of the client, as well as ensuring the software runs without any errors.
- The software test effort should be able to catch any bugs in the application. By catching the errors in the test effort, it will ensure that application of the highest quality will be delivered to the client.

1.2 Reference Documents

- Concept of Operations
- Project Management Plan
- Software Requirements Specification

2 Description of Test Environment

The hardware that will be used to test the mobile application will be a mobile phone running at least the Android 1.6 operating system. Also, when developing the software, an Android simulator will be used. The testers will include both the developers of the software and users who have never used the application before. The application will be tested on multiple phones running different versions of the Android operating system.

3 Overall Stopping Criteria

Testing will continue until a fatal error has been reached. All of the errors prior to the fatal one will be recorded. The list of errors will then be replicated and corrected, including the fatal error.

Once no errors are found during a test run, the software will be thoroughly tested by each team member to provide a sufficient amount of test cases for the error-free software.

A product that is considered "good enough to deliver" is a product in which there are no known errors in the cosmetics and the software.

4 Description of Individual Test Cases

Test Objective	Test Description	Test Conditions	Expected Results
The ability to connect to the website.	The user will run the application.	The phone will be rebooted, and the application will be run.	The application will boot up completely in a sufficient amount of time.
The ability to switch between sections of the news.	The user will start from the front page of the application and select each of the 5 news sections.	The application will be started, and the test will begin at the home page. After each section is loaded, a different one is picked until all sections have been visited.	The application will be able to load each section successfully regardless of the active section.

Test Objective	Test Description	Test Conditions	Expected Results
The ability to select sections from the drop down list.	The user will start from the front page and select each of the sections from the drop down list.	The application will be started, and the test will begin at the home page. After each section is loaded, a different one is picked until all sections have been visited.	The application will be able to load each section successfully from the drop down list.
The ability to have a "show more" button.	The user will be shown a 5 articles per section. If the user wants to read the rest of the stories, he/she will be able to select a "show more" button and the full story will be shown.	The user will load the application and select the "show more" button to see past articles.	When the user selects the "show more" button, a longer list of articles show.