**School of Engineering Technology and Applied Science**

**ICET Department**

**Mobile Application Development Project MAPD-212**

**Test Report**

BestTeam Inc. *(put your team name here)*

**Summary**

Identify the version and release of the project/software is being reported on.

The version/release information should match the information contained in the configuration management system and may include the following elements.

**Test Items** – This should match the item definitions from the appropriate level test plan that this report is covering. Any variance from the items specified in the test plan should be identified. Elements from the features sections of the test plan (both included and excluded) can also be included here or in a separate reference section.

**Environment** – The environment and any variances for that identified in the test plan should be verified here to ensure that the correct test set-up was used. This will help avoid confusion when the product is released to production and will ensure that the test environment matches the destination platform.

**References** – Any documents that support this report and their location within the configuration management system.

**Variances**

Document any changes or deviations from those areas agreed on in the reference documents, especially in areas that may cause concern to the group accepting the test results. Include references to any supporting documentation that covers the reasons for the deviations.

From Test Plans or Specifications

Reasons for Deviations

Support materials and documents

Change requests

Enhancement requests

Incident reports (incident left in by intent)

**Comprehensiveness Assessment**

Evaluation of the testing and test process in terms of the documented test objectives. This is to assess the quality and effectiveness of testing so that assessment of the software can be viewed correctly. Cover how effective testing was, and any weaknesses in the process, especially any surprising trends and the causes of those deviations.

Evaluation of test coverage

Total objectives

Objectives covered

Objectives omitted and reason for omission

Identification of uncovered attributes

**Summary of Results**

Report on the **overall status of the incidents**. Focus should be on trends and patterns in the process and not on specific individuals or teams. The focus should be on costs, impacts, and trends; including any **positive** trends. This is where you begin to set the stage for the evaluation of the test process, the quality of the testing and the software quality and can include areas such as:

Total Incidents

By Severity and Priority

By cost/failure impact

Defect Patterns

Open or Unresolved incidents

**Evaluation**

Assess the quality of the software. This should be an objective assessment of the failure likelihood and

overall quality in terms of the criteria specified in the appropriate level test plan. Each item identified under **test items** should be covered in the evaluation.

Include Good news as well. If the application tested out with high quality in some areas (even though others were no so good) be sure to state that as well.

Limitations

Incomplete or partial functions/features

Dropped features (due to requirements change or defects)

Failure Likelihood

High or Medium risk areas

Good quality areas or features

**Summary of Activities**

Cover the planned activities and the changes to those plans especially in areas where the amount of actual effort greatly exceeded the planned effort. Include the reasons for the variances and the possible impact on the testing staff.

Staff time used

Hours per day/week

Variances and the reasons for the change

Changes to the project scope and direction

Requirements and design changes

Surprising defect trends

Test environment availability and accuracy

**Approvals**

Provide a list and signature block for each approving authority. This should match the list of names that approved the test plan in the first place. Those who agreed to the test plan need to verify the results of the testing.

References: (IEEE 829-1998)