**Working in a Team**

## **Part One (Responses)**

**Status Report (Not the best of news)**

QA Name: Erica V.

Assigned Feature: Simple Flash Cards

Date: January 7, 2022

Date Due in QA Project Plan: January 14, 2022

Testing Progress: approximately 60% complete, 5 of 8 test cases passed, 3 failures, the failures have been reassigned to development,

NOTE: The completion of testing is contingent on hearing back from stakeholder and development’s turnaround time. I have talked with our Business Analyst and Development about the timeline, the bug resolution, and the potential risks. Our Business Analyst has reached out to the stakeholder to get additional clarification on requirements for the display of the Profile link, the screen placement of the flash cards, and the on-screen display of when the page was last visited. We are expecting a response on the requirements follow-up today. Based on our conversation, I am expected to have the fix reassigned to me for testing by January 11, 2002. My estimated excepted completion for the fixes is January 14, 2022, which may not give me ample time to complete thorough regression testing.

**Status Report (Good news)**

QA Name: Erica V.

Assigned Feature: Employee Manager Application

Date: January 5, 2022

Date Due in QA Project Plan: January 14, 2022

Testing Progress: the testing task were assigned to me on January 4, 2022, 12 test cases have been documented. The test executes will start this morning.

NOTE: The estimated testing time is one day. All findings and bugs will be documented and communicated in the tracking system and to our Business Analyst by the end of the day.

**Test Summary Report**

Project Information

* Project of Release Name/Number: Employee Manager System v2.0
* Team assigned (if relevant add team members and roles)
  + Team Lead
  + Business Analyst
  + Development Team
  + QA Team

Test Objectives

* Testing Executed:
  + Regression
    - Feature/Function
      * ID
      * Name field
      * Phone Number field
      * Title field
      * Email field
      * Save button
      * Cancel button
      * Delete button
      * Search functionality
    - Integration
      * Database integration
        + Saving/Deleting from the Employee list on the database.
  + Performance & Load
  + Unit test – or any developer side test execution

List out the objective of each type of test. For example, Regression testing for a new feature. Your objective for Unit Tests may be to ensure each code check-in passes the Unit test indicating the main functions are working as expected.

Test Execution Details

* Name of Tests or Test Suites
  + Test ID
  + Test Phone Number Field
  + Test Title Field
  + Test Name Field
  + Test Email Field
  + Test Save Feature
  + Test Cancel Feature
  + Test Delete functionality
  + Test Add Employee
  + Test the Search Functionality

Location of tests, test suites

* Test case location: https://trello.com/b/L84TK5EL/employee-manager-application-v2.0

Test Execution Results

* Number of test by type
* Passed
* Failed
* Skipped
* User or team who executed tests, on what server and what date(s)
* Defect number and description for all defects entered from the test effort.

Test Coverage

* Graphical illustration of lines of code tested, compared to lines of code in application.

Information that gives the reader a better idea of what is covered by testing.

Test Summary

* Paragraph summary of tests executed, results, and defects entered. Reads like a technical extract – gives you the basic information without the explicit details.

For the current roll-out of the Employee Manager Application v2.0 there are failures and the bug reports have been documented. The ID requirements expected results that would display as a whole number between 0 and 9999. The actual results are numbers that are exceeding the defined range of 0 to 9999. When the name field entry exceeds 30 characters, two error messages for the name field and the title field are displayed, both stating that each field must be between 1 and 30 characters long.

Regarding regression testing, there have been changes/updates made to the Employee Manager Application v2.0 that impact the functionality of the web application. Communication of the changes/updates have not been clearly documented to reflect the current application behavior. The current roll-out presents a high potential risk to the quality of the application.

The QA request is to gain access to the full documentation on the assignment requirements in JIRA. This access will help to fill the gaps in understanding of the intended purpose and functionality of the Employee Manager application.

## **Part Two (Responses)**

**Do you feel qualified to test an application? Yes**

**Do you feel confident reporting a defect? Yes**

**Describe why or why not. I feel both qualified and confident to test an application and report any defects. I feel this way because I am equipped with the skill-set to execute the role. I understand the role, responsibility, and the importance of a QA Engineer. The QA Engineer’s role is just as important as the other team roles. A QA Engineering is the anchor that ensures that the rest of the team is covered upon completion.**

## **Part Two (Responses)**

* Where do you add Traceability typically?Within the test case, attach/link the test to the requirements/user stories.
* What is the purpose of Traceability? Traceability provides the proper linking or connect to why a particular task is being carried out.

**Overview**

Helo is used to communicate between employees and departments. Users can post blogs for How-Tos, usage guides, procedures or cross department training. Users add new posts as needed. Users can view existing posts upon login.

**Functional Requirements**

1. User must authenticate via login page.
2. User can enter Name and Password, and Register.
3. Once registered, user can login by entering a valid Name and Password and login.
4. Create a new Post with Title, Image, and Content.
5. View Posts on Home page.
6. Search Posts on Home page.

**Part Three**

**Introduction**

In this section, you’ll be evaluating the waterfall and agile methodologies, respectively.

**Steps**

1. Create a table or chart to list out the pros and cons
2. List at least 3 pros and 3 cons for each method: waterfall and agile (at least 12 total)
3. Answer this question: How do you think planning a project differs between these 2 methodologies?

|  |  |  |
| --- | --- | --- |
|  | Pros | Cons |
| Waterfall | Project scope has to be well defined before starting the project. | Potential to take longer to deliver on the project. |
| Due to the time engaged in the project, there is potential to produce a better-quality product in the end. | Due to needed time and resources can be more expensive. |
| More defined constraints. | Not very flexible. |
| Potential to have a complete product. | A lot of up-front work. Requirements gathering can be lengthy. |
| Well defined hand-offs. | Due to time, stakeholder’s initiatives can shift. |
| Agile | Work in shorter increments. | Project scope may not be fully defined before starting the project. |
| Potential to be cheaper in cost. | Scope creep |
| Incremental Development | Potential unfinished product |
| Mock-up of features | Potentially unsure of the constraints |
| Consistent communication | Potential for not producing high quality. |