

TEST PLAN

Product Name: actiTIME

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Scope

The Scope of the project include testing the following features of “ http://127.0.0.1:83/login.do;jsessionid=6f1ed5nelitio”

Inclusions

* Login
* Login and logout
* Create Task
* Create Department
* Create customer
* Manage Tasks
* Time track
* Report
* User
* Work Schedule
* Notifications

Test Environments

* Windows 11 – chrome, Firefox and Edge

Exclusions

* All the Features excepts that are mentioned under ‘Inclusion’

Test Strategy

we need to perform Functional Testing of all the functionalities mentioned in the above Scope section.

Step#1 – Creation of Test Scenarios and Test Cases for the different features in scope.

* We will apply several Test Designing techniques while creating Test Cases
  + Equivalence Class Partition
  + Boundary Value Analysis
  + Decision Table Testing
  + State Transition Testing
  + Use Case Testing
* We also use our expertise in creating Test Cases by applying the below:
* Error Guessing
* Exploratory Testing
* We prioritise the Test Cases

Step#2 – Our Testing process, when we get an Application for Testing:

* Firstly, we will perform Smoke Testing to check whether the different and important functionalities of the application are working.
* We reject the build, if the Smoke Testing fails and will wait for the stable build before performing in depth testing of the application functionalities.
* Once we receive a stable build, which passes Smoke Testing, we perform in depth testing using the Test Cases created.
* Multiple Test Resources will be testing the same Application on Multiple
* Supported Environments simultaneously.
* We then report the bugs in bug tracking tool and send dev. management
* the defect found on that day in a status end of the day email.
* As part of the Testing, we will perform the below types of Testing:
* Smoke Testing and Sanity Testing
* Regression Testing and Retesting
* Usability Testing, Functionality & UI Testing
* We repeat Test Cycles until we get the quality product.

Step#3 – We will follow the below best practices to make our Testing better:

* Context Driven Testing – We will be performing Testing as per the context of the given application.
* Shift Left Testing – We will start testing from the beginning stages of the development itself, instead of waiting for the stable build.
* Exploratory Testing – Using our expertise we will perform Exploratory Testing, apart from the normal execution of the Test cases.
* End to End Flow Testing – We will test the end-to-end scenario which involve multiple functionalities to simulate the end user flows.