

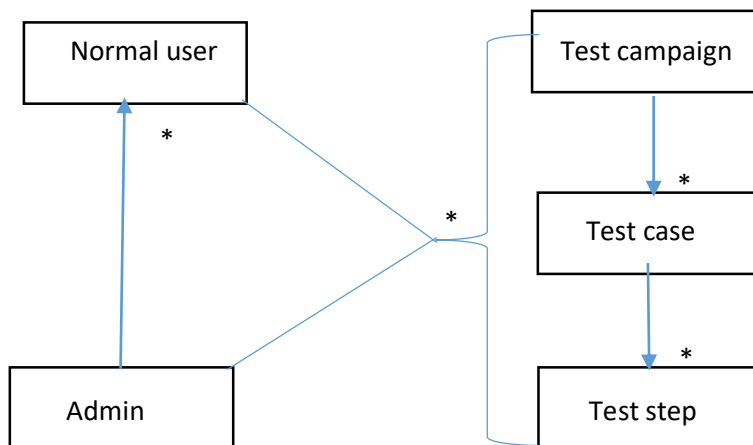
ANALYSIS DOCUMENTs

Project: Test case Management System for tester.

I. Explain the key elements of the business

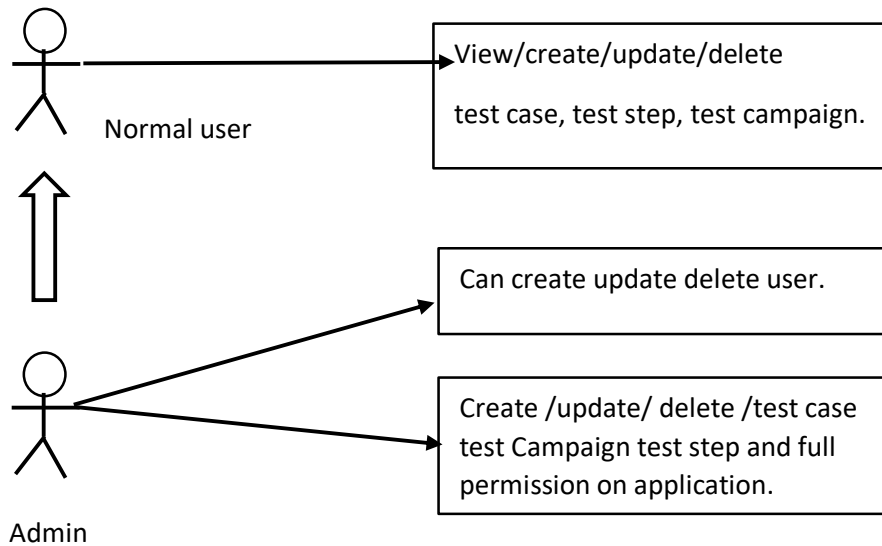
Element	Definition
Tester/normal user	The people can use to create test campaign /test case/test step.
Admin	Example create user The people can do anything on application.
Test campaign	Is a collection of test case.
Test case	Is set of conditions or variables under which a tester will determine whether a system under test satisfies requirement and working correctly or not.
Test step	Is the part of test case that noted pass or fail based on the compare result between the expected and actual result.

II. Find the relationships between those elements



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III. Define the different user roles using a Use Case diagram



IV. Specification of the GUI (Graphical user interfaces)

GUI1: Login application

- Username
- Password
- When user admin login and then go to dashboard and user admin can create /edit / delete user and full permission on application.
- Admin can create new user with information:
 - ID
 - Username
 - password
 - Email
- When normal user login and then go to dashboard that can create/edit/delete test campaign/test case/test step.

GUI2: Test campaign

- Be able to create test campaign
 - The title of test campaign
 - The description of test campaign
 - Test campaign have status valid if all test case success else invalid.
 - Set date (start date and end date)
 - You can add new test case to test campaign

- All the result of test campaign defines on pie chart how many percent success (green color) or fail (red color) depend on test case.

GUI3: Test case

- Be able to create test case
 - Select on test campaign
 - Then create test case
 - The name of test case
 - The name of tester
 - The date of test case
 - Can add test step to test case

GUI4: Test step

- Be able to create test step
 - Select on test campaign
 - Select on test case

Then create test step:

- ID test step
- Action: What user do on application example: click on button
- Expect result: Test step successful it marks green color and fail red color.
- Comment: Explain why test step fail and what need to add.
- All the result of test step defines on pie chart how many percent success (green color) or fail (red).