ÇANKAYA UNIVERSITY FACULTY OF ENGINEERING
COMPUTER ENGINEERING DEPARTMENT

Test Plan, Test Design Specifications and Test Cases
Version 1

CENG 408
Innovative System Design and Development II

appDermis

Elif Başak Koç 201611038 Merve Talakacı 201511056 İlayda Selin Türk 201511062 Deniz Çınar 201511014

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1. TEST CASES

1.2. Version Control

Version No	Description of Changes	Date
1.0	First Version	Apr 2019

1.2.2 Overview

Usage status of exhibitor and manager AppDermis system users determined in SRS document will be tested

1.2.3 Scope

This document corresponds to the test plan, test design specifications, and test scenarios test plan of usage scenarios.
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1.2.4 Terminology

Acronym	Definition
GUI	Graphical User Interface (GUI)

2. FEATURES TO BE TESTED

This part lists and describes a mini description of major properties for testing.

2.1.1. Graphical User Interface (GUI)

In this project, graphical user interface components are used. User registration is mandatory, so there are subdivisions that open after two main menus. Sign up or Login are the main home page. After that there are sections divided into the main menu and sub-sections. These sub-sections include Profile button, Edit Profile button, Take Photo button, View Results button, Album button.

3. Test Design Specification

3.1. User Interface (GUI)

3.1.1.1. Registering user (GUI.RG)

The user who wants to use the system must give his/her required information to system.

3.1.1.2. Login (GUI.LG)
User who has done his/her registration can login with entering e-mail and password.

3.1.1.3. Profile (GUI.VP)

User will see the information about his/her own information such as age, gender and skin type.

3.1.1.4. Edit Profile (GUI.EDT)

User will be able to edit the information from here. This button takes part under the profile page.

3.1.1.5. Album (GUI.VA)

User will see the photos that taken at the past.

3.1.1.6. Take Photo (GUI.TP)

The user can take a picture of the region where the spot is located.

3.1.1.7. Results (GUI.RES)

User will see the results that taken photos from this page.

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3.2. Test Cases

TC ID	Requirements	Priority	Scenario Description
GUI.RG 01		H	Enter the information that required and then click register button. Button redirecting login page.

TC ID	Requirements	Priority	Scenario Description
GUI.LG 01	3.2.1	H	Enter username and password then login button redirects to Profile page.

TC ID	Requirements	Priority	Scenario Description
GUI.VP 01	3.2.1	H	Display personal information of user

TC ID	Requirements	Priority	Scenario Description
GUI.EDT 01	3.2.1	H	Editing all personal information

TC ID	Requirements	Priority	Scenario Description
GUI.VA 01	3.2.1	H	Selecting Album button. Shows the photos that taken.

TC ID	Requirements	Priority	Scenario Description
GUI.TP 01	3.2.1	H	Select "Take Photo" button. Able to take photo.

TC ID	Requirements	Priority	Scenario Description
GUI.RES	3.2.1	H	Select "Results" button. Display the results of risk.

3.3. DETAILED TEST CASES

3.3.1 GUI.REG 01

TC_ID	GUI.REG 01
Purpose	Enter the required information that system needs.
Requirements	3.2.1
Priority	High
Estimated Time Needed	No estimated time needed
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Enter register button, it directs login page.
Cleanup	No cleanup function

3.3.2 GUI.LG 01

TC_ID	GUI.LG 01
Purpose	Enter username and password
Requirements	3.2.1
Priority	High
Estimated Time Needed	No estimated time needed
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Enter login button it directs to profile page.
Cleanup	No cleanup function

3.3.3 GUI.VP 01

TC_ID	GUI.VP 01
Purpose	Display personal information of user.
Requirements	3.2.1
Priority	High
Estimated Time Needed	No estimated time needed
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Display personal information of user.
Cleanup	No cleanup function

3.3.4 GUI.EDT 01

TC_ID	GUI.EDT 01
Purpose	Editing personal information of user.
Requirements	3.2.1
Priority	High
Estimated Time Needed	1-3 second
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Select "Edit Profile" button from Profile page it directs to Edit Profile page.
Cleanup	Go back to previous page

3.3.5 GUI.VA 01

TC_ID	GUI.VA 01
Purpose	Displays the photos that taken.
Requirements	3.2.1
Priority	High
Estimated Time Needed	1-2 second
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Select "Album" button. Display photos.
Cleanup	Go back to previous page

3.3.6 GUI.TP 01

TC_ID	GUI.TP 01
Purpose	Select "Take Photo" button.
Requirements	3.2.1
Priority	High
Estimated Time Needed	1-3 second
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Camera is opening and able to take photo.
Cleanup	Go back to previous page

3.3.7 GUI.RES 01

TC_ID	GUI.RES 01
Purpose	Select "Result" button.
Requirements	3.2.1
Priority	High
Estimated Time Needed	1-2 second
Dependency	The simulation is executed
Setup	No setup installation needed
Procedure	Display the estimated risk of melanoma.
Cleanup	Go back to previous page

4. TEST RESULTS
4.1. Individual Test Results

TC ID		Priority	Date Run	Result	Explanation
GUI.RG 01		H	15.05.2020	Pass	Registered user to system
GUI.LG 01		H	15.05.2020	Pass	Username and password entered
GUI.VP 01		H	15.05.2020	Pass	Information displayed
GUI.EDT 01		H	15.05.2020	Pass	Updated personal information
GUI.VA 01		H	15.05.2020	Pass	Album displayed
GUI.TP 01		H	15.05.2020	Pass	Photo taken

GUI.RES 01		H	15.05.2020	Pass	Result displayed

4.2.   Summary of Test Results

Priority	Numbers of TCs	Executed	Passed
H	8	8	8
M	0	0	0
L	0	0	0
Total	**8**	8	8

We have terminated 8 test cases and all test cases have done successfully.

Criteria	Yes or No
100% of test cases were achieved	Y
Over 95% of test cases terminated	Y
Over 95% of High and Medium Priority test cases achieved	Y
No high priority or serious errors are noticeable	Y
Confirm that the software development processes are terminated among the stipulated schedules.	Y
Confirm that the software development processes are terminated within the stipulated schedules.	Y

It has run all test cases and 100% of test cases has completed. It also passes 100% of high priority test scenarios. Software development process are completed among the prescribed time schedule. Exit criteria are passed.