

# CENTENNIAL COLLEGE

*Centennial College*

*School of Engineering Technology and Applied Science*

*Electronics Engineering Technology*

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*Test Plan*

*Samsung Android App Development*

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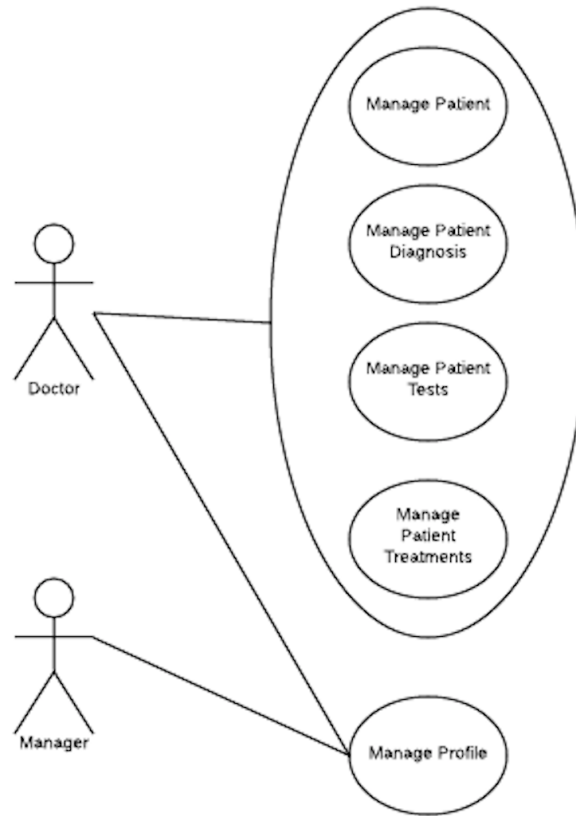


# e-touchcare

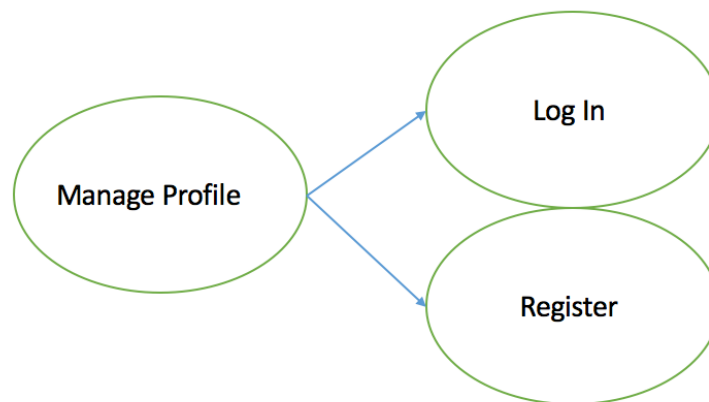
Team: Team One

Toronto, December 2016

## Main Use Case Diagram:



## User Cases:





**Test Case ID:** TC\_MPR\_01

**Test Case Description:** Log In as a registered user.

**Preconditions:** You must have been registered before. A valid email and password that matched with the database.

Step No.	Step Description	Test Data	Expected Result
1. Click Login Button	Access to the Login form website	-Valid Email	-The user is logged successfully.
2. Fill it up the form	Enter a valid email and password that matched with the database	-Valid Password	-Access to My Patients List view.
3. Click Login Button	Request validation, save and update view.		

**Test Case ID:** TC\_MPR\_02

**Test Case Description:** Log in as a new user.

**Preconditions:** A valid name, email and password.

Step No.	Step Description	Test Data	Expected Result
1. Click Register Button	Access to the Register form website	-Valid Name	-The new user has been registered successfully.  -The user is logged successfully.  -Access to My Patients List view.
2. Fill it up the form	Enter a valid name, email and password.	-Valid Email	
3. Click Register Button	Request validation, save and update view.	-Valid Password	

**Test Case ID:** TC\_MP\_01

**Test Case Description:** Create New Patient.

**Preconditions:** User must be in the Patients List view.

Step No.	Step Description	Test Data	Expected Result
1. Click Create New Button	Access to the Create New Patient form website	-New Patient Data	-Create a New Patient sync with the database.
2. Fill it up the form	Enter valid information		-Refresh Patients List with database.
3. Click Create Button	Request validation, save and update view.		-Access to My Patients List View.

**Test Case ID:** TC\_MP\_02

**Test Case Description:** Access to Patient Profile View

**Preconditions:** User must be in the Patients List view or any Detail view (Profile, Diagnosis, Tests or Treatments).

Step No.	Step Description	Test Data	Expected Result
1. Click Details Button	Access to the Patient Profile view.		Access to the Patient Profile view.



**Test Case ID:** TC\_MP\_03

**Test Case Description:** Delete Patient Profile Data.

**Preconditions:** User must be in the Patient Profile view.

Step No.	Step Description	Test Data	Expected Result
1. Click Delete Button	Delete data in database from Profile view, save and update view.		-Data from Patient Profile section will be erased and become null in the database  -Refresh view from database  -Access to Patient Profile view (empty)

**Test Case ID:** TC\_MP\_04

**Test Case Description:** Edit Patient Profile Data.

**Preconditions:** User must be in the Patient Profile view.

Step No.	Step Description	Test Data	Expected Result
1. Click Edit Button	Access to the Patient Profile form website	-Fresh Patient Profile Data	-Data from Patient Detail section will be manually modified.  -The database will be updated with the fresh data  -Refresh view from database  -Access to Patient Profile view (fresh data)
2. Apply changes to the form	Modify the data shown in the form		
3. Click Save Button	Request validation, save and update view.		

**Test Case ID:** TC\_MP\_05

**Test Case Description:** Access to Patient Diagnosis View

**Preconditions:** User must be in the Patients Detail view. Any Detail view (Profile, Diagnosis, Tests or Treatments).

Step No.	Step Description	Test Data	Expected Result
1. Click Diagnosis Button	Access to the Patient Diagnosis view.		Access to the Patient Diagnosis view.

**Test Case ID:** TC\_MP\_06

**Test Case Description:** Create New Patient Diagnosis.

**Preconditions:** User must be in the Patients Diagnosis view.

Step No.	Step Description	Test Data	Expected Result
1. Click Create New Button	Access to the Create New Patient Diagnosis form website	-New Patient Diagnosis Data	-Create a New Diagnosis, sync with the database.
2. Fill it up the form	Enter valid information		-Refresh Patients Diagnosis with database.
3. Click Create Button	Request validation, save and update view.		-Access to My Patients Diagnosis View.



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**Test Case ID:** TC\_MP\_07

**Test Case Description:** Edit Patient Diagnosis Data.

**Preconditions:** User must be in the Patients Diagnosis view or Patient Diagnosis Detail view.

Step No.	Step Description	Test Data	Expected Result
1. Click Edit Button	Access to the Patient Diagnosis form website	-Fresh Patient Diagnosis Data	-Data from Patient Diagnosis section will be manually modified.  -The database will be updated with the fresh data  -Refresh view from database  -Access to Patient Diagnosis view (fresh data)
2. Apply changes to the form	Modify the data shown in the form		
3. Click Save Button	Request validation, save and update view.		

**Test Case ID:** TC\_MP\_08

**Test Case Description:** Delete Patient Diagnosis Data.

**Preconditions:** User must be in the Patients Diagnosis view.

Step No.	Step Description	Test Data	Expected Result
1. Click Delete Button	Delete data in database from Diagnosis view, save and update view. It is just applicable to one Diagnosis object at the time.		-Data from Patient Diagnosis (object x) section will be erased and become null in the database  -Refresh view from database  -Access to Patient Diagnosis view (object erased)





**Test Case ID:** TC\_MP\_09

**Test Case Description:** Access to Patient Diagnosis Detail View

**Preconditions:** User must be in the Patients Diagnosis view.

Step No.	Step Description	Test Data	Expected Result
1. Click Details Button	Access to the Patient Diagnosis Detail view.		Access to the Patient Detail view.

**Test Case ID:** TC\_MP\_10

**Test Case Description:** Access to Patient Tests View

**Preconditions:** User must be in the Patients Detail view. Any Detail view (Profile, Diagnosis, Test or Treatments).

Step No.	Step Description	Test Data	Expected Result
1. Click Tests Button	Access to the Patient Test view.		Access to the Patient Test view.

**Test Case ID:** TC\_MP\_11

**Test Case Description:** Create New Patient Test.

**Preconditions:** User must be in the Patients Test view.

Step No.	Step Description	Test Data	Expected Result
1. Click Create New Button	Access to the Create New Patient Test form website	-New Patient Test Data	-Create a New Test, sync with the database. -Refresh Patients Test with database. -Access to My Patients Tests View.

**Test Case ID:** TC\_MP\_12

**Test Case Description:** Edit Patient Test Data.

**Preconditions:** User must be in the Patients Tests view or Patient Test Detail view.

Step No.	Step Description	Test Data	Expected Result
1. Click Edit Button	Access to the Patient Test form website	-Fresh Patient Test Data	-Data from Patient Test section will be manually modified.
2. Apply changes to the form	Modify the data shown in the form		-The database will be updated with the fresh data
3. Click Save Button	Request validation, save and update view.		-Refresh view from database -Access to Patient Test view (fresh data)

**Test Case ID:** TC\_MP\_13

**Test Case Description:** Delete Patient Test Data.

**Preconditions:** User must be in the Patients Tests view.

Step No.	Step Description	Test Data	Expected Result
1. Click Delete Button	Delete data in database from Tests view, save and update view. It is just applicable to one Test object at the time.		-Data from Patient Tests (object x) section will be erased and become null in the database -Refresh view from database -Access to Patient Tests view (object erased)



**Test Case ID:** TC\_MP\_14

**Test Case Description:** Access to Patient Tests Detail View

**Preconditions:** User must be in the Patients Diagnosis view.

Step No.	Step Description	Test Data	Expected Result
1. Click Details Button	Access to the Patient Test Detail view.		Access to the Patient Test Detail view.

**Test Case ID:** TC\_MP\_15

**Test Case Description:** Access to Patient Treatments View

**Preconditions:** User must be in the Patients Detail view. Any Detail view (Profile, Diagnosis, Test or Treatments).

Step No.	Step Description	Test Data	Expected Result
1. Click Tests Button	Access to the Patient Treatments view.		Access to the Patient Treatments view.

**Test Case ID:** TC\_MP\_16

**Test Case Description:** Create New Patient Treatment.

**Preconditions:** User must be in the Patients Treatments view.

Step No.	Step Description	Test Data	Expected Result
1. Click Create New Button	Access to the Create New Patient Treatment form website	-New Patient Treatment Data	-Create a New Treatment, sync with the database.  -Refresh Patients Treatment with database.



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			-Access to My Patients Treatments View.
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**Test Case ID:** TC\_MP\_17

**Test Case Description:** Edit Patient Treatment Data.

**Preconditions:** User must be in the Patients Treatments view or Patient Treatment Detail view.

Step No.	Step Description	Test Data	Expected Result
1. Click Edit Button	Access to the Patient Treatment form website	-Fresh Patient Treatment Data	-Data from Patient Treatment section will be manually modified.  -The database will be updated with the fresh data  -Refresh view from database  -Access to Patient Treatments view (fresh data)
2. Apply changes to the form	Modify the data shown in the form		
3. Click Save Button	Request validation, save and update view.		

**Test Case ID:** TC\_MP\_18

**Test Case Description:** Delete Patient Treatment Data.

**Preconditions:** User must be in the Patients Treatment view.

Step No.	Step Description	Test Data	Expected Result
1. Click Delete Button	Delete data in database from Treatments view, save and update view. It is just applicable to one Treatment object at the time.		-Data from Patient Treatments (object x) section will be erased and become null in the database  -Refresh view from database



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			-Access to Patient Treatments view (object erased)
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**Test Case ID:** TC\_MP\_19

**Test Case Description:** Access to Patient Treatments Detail View

**Preconditions:** User must be in the Patients Treatments view.

Step No.	Step Description	Test Data	Expected Result
1. Click Details Button	Access to the Patient Treatment Detail view.		Access to the Patient Treatment Detail view.

