Test List Amide PDMS

(optional)…. Not in customer requirements

GUI Buttons login/main/read current pat/ecg/pat data/create pat/search pat/edit pat

- **Preconditions**

  Respective GUI Designs have been finished
  Each Button has some form of feedback to a click

- **Description of test steps**

  Press each button, check if feedback happens

- **Expected outcome**

  Feedback / Buttons working

- **Pass / Fail criteria checklist**

Test	Pass	Fail
All Buttons working		

SQL databases

- **Preconditions**

  Databases are finished

- **Description of test steps**

  Check if read/write works for each set of data (optional:deleted)

  Try to create a ECG without a connected pat

- **Expected outcome**

  Everything can be read from and wrote to (optional:deleted)

  ECG without pat should not work

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Multiple User data sets, including hex values of cards, can be read, wrote (optional: deleted)		
Multiple Patient data sets can be read, wrote (optional: deleted)		
Multiple ECG data sets can be read, wrote (optional: deleted)		
Each ecg is linked to exactly one patient		

SQL connector

- **Preconditions**

  Connector finished
  Databases finished
  For GUI parts: GUI finished

- **Description of test steps**

  Press each button, check if feedback happens

- **Expected outcome**

  Feedback / Buttons working

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Working method so user data can be read, wrote (optional: deleted)		
Working method so patient data can be read, wrote (optional: deleted)		
Working method so ECG data can be read, wrote (optional: deleted)		
Working method so patient and ecg databases can be searched via GUI and selected data can be read, wrote (optional: deleted)		
If admin has GUI: Working method so user database can be searched via terminal and selected data can be read, wrote (optional: deleted)		
If admin has no GUI: Working method so patient and ecg databases can be searched via terminal and selected data can be read, wrote (optional: deleted)		

Login E-Card

- **Preconditions**

  GIN Access working

  E-Card Login Window working

  User DB working

  SQL connector working

- **Description of test steps**

  Try to login

- **Expected outcome**

  Login successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Works with 2 different e-cards		
Works for the different roles		

Login ID-Card

- **Preconditions**

  ID-Card Login Window working

  User DB working

  SQL connector working

- **Description of test steps**

  Try to login

- **Expected outcome**

  Login successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail

Works with 2 different id-cards		
Works for the different roles		

Login Password

- **Preconditions**

  PW Login Window working

  User DB working

  SQL connector working

- **Description of test steps**

  Try to login

- **Expected outcome**

  Login successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Works with 2 different User/PW		
Works for the different roles		

Main Window Nurse

- **Preconditions**

  Read cur pat UI done

  Pat data UI done

  ECG data UI done

- **Description of test steps**

  Try accessing the windows

- **Expected outcome**

  Access successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Button opens window read cur pat		
Button opens window pat data		
Button opens window ecg data		

Main Window Patient

- **Preconditions**

  Read cur pat UI done

  Pat data UI done

  ECG data UI done

- **Description of test steps**

  Try accessing the windows

- **Expected outcome**

  Access successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Button opens window read cur pat		
Button opens window pat data		
Button opens window ecg data		

Main Window Physician

- **Preconditions**

  Read cur pat UI done

  Pat data UI done

  ECG data UI done

Search Pat UI done

Create Pat UI done

Edit Pat UI done

- **Description of test steps**

  Try accessing the windows

- **Expected outcome**

  Access successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Button opens window read cur pat		
Button opens window pat data		
Button opens window ecg data		
Button open window search pat		
Button open window Create Pat		
Button open window Edit Pat		

Main Window Admin

- **Preconditions**

  Read cur pat UI done

  Pat data UI done

  ECG data UI done

  Search Pat UI done

  Create Pat UI done

  Edit Pat UI done

  Terminal accessible

- **Description of test steps**

  Try accessing the windows

- **Expected outcome**

  Access succesful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Button opens window read cur pat		
Button opens window pat data		
Button opens window ecg data		
Button open window search pat		
Button open window Create Pat		
Button open window Edit Pat		
Button opens terminal		

Terminal

- **Preconditions**

  DB done

  Connector done

- **Description of test steps**

  Read and write (optional: delete) user data

  optional: delete ecg data

  optional: delete pat data

- **Expected outcome**

  Data handling successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
User data can be read, wrote		
Optional: User data can be deleted		
Optional: deletion of: ECG, Patient data		

Read current patient window

- **Preconditions**

  GIN-Access

  DB working

  Connector working

- **Description of test steps**

  Try loading pat data GIN

- **Expected outcome**

  Access successful

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Works with 2 different e-cards		
For role patient only accepts same ecard as the one patient logged in with		
Optional: Can read another e-card when opened again after reading a card		

ECG-Window

- **Preconditions**

  DB working

  Connector working

  ECG was loaded via Create Pat or Edit Pat window

- **Description of test steps**

  Open window with ECG loaded and without

- **Expected outcome**

  Shows ECG as it should

  Does not crash if no ECG loaded

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Displays 5 minutes or more of ecg if data is available		
Empty if no patient/ecg data loaded		

Display Patient Data Window

- **Preconditions**

DB working

Connector working

DB filled

- **Description of test steps**

  See if data is displayed correctly

- **Expected outcome**

  Data is displayed correctly

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Shows demographic data of current patient		
Works after changing patient		
If with textfield: shows textfield		

Create Patient Window

- **Preconditions**

  DB working

  Connector working

  GIN working

  Display Patient working

- **Description of test steps**

  Create a patient

- **Expected outcome**

  Patient data can be shown in Display Patient Window

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Works with 2 different E-Cards		
Optional in create pat window: USB file manager working		
Optional in create pat window: Can add one and multiple ECGs to a patient		

Search Patient Window

- **Preconditions**

  DB working

  Connector working

  Display patient working

- **Description of test steps**

  Search for a patient

- **Expected outcome**

  Patient can be found in a list and loaded

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Shows Name, optional: more data, of patients		
Patient data of 2 different patients can be loaded		

Edit Patient Text Info Window

- **Preconditions**

  DB working

  Connector working

  DB filled

  ECG Display working

- **Description of test steps**

  Edit patient data, add ECG

- **Expected outcome**

Patient data can be edited

- **Pass / Fail criteria checklist**

Test	Pass	Fail
Works with 2 different patients		
Patient data of 2 different patients can be loaded		
USB file manager working		
Can add one and multiple ECGs to a patient		
If with textfield: show/edit textfield		

(optional) Logout

- **Preconditions**

Everything else is working

- **Description of test steps**

Test functions of program after logging in again

- **Expected outcome**

Everything works

- **Pass / Fail criteria checklist**

Test	Pass	Fail
All functions work after logging in again		