Visit Patient

**Scope:** EHR

**Level:** user goal

**Primary Actor:** Health Care Provider

**Stakeholders and Interests:**

* Patient: Wants a thorough and well-organized evaluation of health
* Health Care Provider: Wants the patient’s data recorded and saved for later reference

**Preconditions:** Visit is scheduled, doctor has logged in successfully and been authenticated

**Success Guarantee:** Record of visit is saved. Doctor is aware of the patient’s condition and can diagnose accurately.

**Main Success Scenario:**

1. Doctor clicks to open up a window for recording the patient’s data and condition.
2. Doctor asks the patient about his/her condition.
3. Doctor records information in the open window.
4. Doctor saves the file.
5. Doctor exits the window.

**Extensions:**

3a. Doctor exits window while recording data

1. Doctor will be prompted to save the file before exiting

4a. File fails to save correctly

1. Information remains unchanged
2. Doctor may attempt to save again

**Special Requirements:**

* Window with fields for patient data followed by text boxes to enter information
* Different fields for different types of patient visits

**Technology and Data Variations List:**

1a. Option only present in UI for Doctor

**Frequency of Occurrence:** Essentially continuous

**Open Issues:**

* Explore different types of patient data fields necessary by nature of visit.
* Who will this information be visible to?

Order Tests

**Scope:** EHR

**Level:** user goal

**Primary Actor:** Health Care Provider

**Stakeholders and Interests:**

* Health Care Provider: Wants to efficiently order tests for patient.

**Preconditions:** Doctor is logged in and authenticated. Patient has visited and requires further examination.

**Success Guarantee:** Necessary test for patient is determined. Doctor sends test order. Lab receives order.

**Main Success Scenario:**

1. Doctor opens window to order test.
2. Doctor selects patient in need of test.
3. Doctor selects test to perform.
4. Doctor sends order to lab.
5. Lab receives order successfully.

**Extensions:**

2a. Doctor closes window while selecting patient.

1. Window closes, patient data remains unchanged.
2. Doctor may reopen window and select patient again.

5a. Lab does not receive test order

1. Doctor may send order again

**Special Requirements:**

* Interaction with a lab which will receive test orders

**Technology and Data Variations List:**

1a. Option only present in UI for Doctor

2a. Patient database must be present

3a. Drop down menu of different types of tests

**Frequency of Occurrence:** When necessary

**Open Issues:**

* How will each customer be in communication with a lab necessary for testing?
* Can any doctor order a test for any patient?

Patient Lookup

**Scope:** EHR

**Level:** user goal

**Primary Actor:** Health Care Provider

**Stakeholders and Interests:**

* Health Care Provider: Wants to view data related to specific patients. Wants to have an easy to use UI. Wants a full database of patients.

**Preconditions:** Doctor is logged in and authenticated. Patient being looked up must have a record in the system as well as an initial visit.

**Success Guarantee:** Patient data is retrieved. A full list of information related to the patient is shown. Window is exited without changing patient data.

**Main Success Scenario:**

1. Doctor enters a patient name into search bar.
2. Doctor clicks on patient name.
3. Patient information is displayed.
4. Doctor exits window.

**Extensions:**

1a. Patient has no record in database

1. System displays no results.
2. Doctor may search a new name

**Special Requirements:**

* Simple to use UI for Doctor
* Results must display quickly

**Technology and Data Variations List:**

1a. Patient must be identifiable by more fields than just name (ID number, contact info, etc.)

**Frequency of Occurrence:** Continuous

**Open Issues:**

* Will every doctor be able to view every patient’s information?
* Will this information be available to other healthcare providers?