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title: Thuta Htun Wai's Project Portfolio Page

Project: Baymax

Baymax is a desktop application used by the clinic receptionists to manage patient and appointment information. The user interacts with it using a CLI, and it has a GUI created with JavaFX. It is written in Java, and has about 13 kLoC.

Given below are my contributions to the project.

- **New Feature**: Added the basic patient information management features and the tests.

  - What it does: These features allow the user to add, delete, edit, find and list all the patients in the system.
  - Justification: These features are the core of a typical clinic patient and appointment application as they alllow the user to perform basic functionalities such as adding and deleting patients.
  - Highlights: These features are necessary in order to perform other features such as the appointment management features.
    It was challenging to add new fields such as `gender` for the patient as it required modifying a huge part of the original code.
  - Credits: Adapted Address Book Level-3's person package for the patient model.

- **New Feature**: Added the `listapptsof` feature (`listapptsof INDEX`).

  - What it does: It allows the user to list all the appointments belonging to a specific patient by using his/her index in the patient list.
  - Justification: This feature is important for a clinic receptionists to instantly view a specific patient's appointments so that he/she can find out when to schedule the next appointment.
  - Highlights: This feature required coming up with a specific predicate to filter the patient list in order to put the right patients inside the displayed list.
  - Credits:

- **Code contributed**: [RepoSense link]

- **Enhancements to existing features**:

  - Wrote additional tests for existing features to increase coverage (Pull requests #90, #97, #131, #170, #182, #190)

- **Community**:

  - PRs reviewed (with non-trivial review comments): #111, #271, #299

  - Tested our own app and reported the bugs found (examples: 1, 2, 3, 4, 5)

  - Reported bugs and suggestions for other teams in the class (examples: 1, 2, 3)

- **Documentation**:

  - User Guide:

  - Added the explanation sections under the Patient Features, and the Appointment Features.

  - Added the screenshots for the features.

  - Developer Guide:

  - Added implementation details of the `Patient Management Features`.

  - Added the activity diagram and sequence diagram for the `FindPatientCommand`.

  - Updated the Product Scope.