

Dyuthi:

1. Patient_fns.c
 - a. add_patient - reads new patient details and adds it to patient_details.bin
 - b. read_patients - returns a pointer to an array of structures with patient details read from the file
 - c. read_specific_patient - returns a structure with details of specific patient
 - d. check_patient - checks if patient input exists in hospital records
2. Presc_create.c - allow a doctor to create prescription
3. Create_cart.c - allows a patient to create a cart which is a linked list by adding medicines from a prescription, and allowing the user to add or delete medicines
4. Makefile

Dyuthi and Swetha : patient_login.c

Swetha:

1. appointments.c
 - a. write_to_file - adds a structure to appointments.dat
 - b. book_appointment - creates an appointment based on the patient's inputs and appends it to the binary file
 - c. reschedule_appointment - changes the date/time of the appointment
 - d. cancel_appointment - Removes the appointment from appointments.dat
 - e. list_appointments_for_patient - Lists the appointments for a patient
 - f. list_appointments_for_doc - Lists the appointments for a doctor (will be called from the doctor login)

Snigdha and Shreeya:

1. employee.c
 - a. Insert staff records - function to insert each record as a node in linked list
 - b. Retrieve records based on fields - functions to retrieve records based on input fields- id, name, date of birth, age, gender, department, email id, phone number, salary.
 - c. Update records' fields - functions to update records' fields by retrieving the specific using the unique id number and then updating the respective field.(id, name, date of birth, age, sex, department, salary, email id, phone number)
 - d. Delete record - function to delete a record from the linked list
 - e. read - function to take the inputs of the respective fields
 - f. print - function to print all the records on the database
2. doc_adminlogin.c
 - a. Based on the login number

Akshaya:

1.Bed_alloc.c :

- a. Doctor will be able to book a bed for the patient .The person should login as a doctor to book a bed or an ot for the patient.
- b. Admit : books a bed for the patient if he is already there in the hospital records previously.
- c. Discharge: updates the occupancy status of the bed as empty , removing the patient name.
- d. Ot_admit: book an ot for the patient .
- e. Ot_discharge: changes the occupancy status of the ot after the surgery is done.

Sukeerthi

c_project_pharma.c : 1.definition of struct with medicine details

2.read medicine details and addes the medicine if not existing and if exists then adds stock

3.add medicine to the list of medicines

4.add stock incriments the stock of the particular medicine

5.deducts the stock of medicine when sold

6.prints the final bill to the patient using the patient prescription