# Executable Release: Setting a Personnel’s schedule

## Goal:

Allows a Personnel to setup their availability for any day

## Classes to be implemented:

Personnel, PersonnelSchedule, Schedule, AppointmentSlot

## Previously implemented classes to use:

N/A

## Use case to be implemented:

Determining if the personnel works a specific date and time

## Inputs:

The personnel’s name, type, employeeID, and workingTimes.

## Outputs:

The Personnel’s schedule will be used to make up an availability schedule for the month that patients can choose from to setup an appointment

## Time for completion:

To be completed by April 20, 2020

# Executable Release: Booking Appointments

## Goal:

Allowing a patient to find a schedule of open appointment slots to book an appointment

## Classes to be implemented:

Appointment, Patient

## Previously implemented classes to use:

Personnel, Schedule, AppointmentSlot

## Use case to be implemented:

Determining if the patient is a Student or faculty

Determining if the patient is seeing a therapist or nurse

Determining if the Appointment needs changed

## Inputs:

The type, the patient the personnel, and the date/time of the appointment.

## Outputs:

The appointment created will set the appointmentSlot to filled and update the schedule to show the appointment information and new availability.

## Time for completion:

To be completed by April 21, 2020

# Executable Release: Recording a Visit

## Goal:

Keep track of each visit that takes place. Which Patient that is seen, the personnel that ran the appointment, the tests that were ran and their results, and the date of the appointment.

## Classes to be implemented:

Visit, Test, TestResult

## Previously implemented classes to use:

Personnel, Patient, Appointment

## Use case to be implemented:

Determining which tests to run

Determining the results of the tests

Determining which type of appointment is set

Determining if an alert is needed to be sent

## Inputs:

The patient, the personnel, the type, and the appointment of the visit.

## Outputs:

The tests that were run and the subsequent results of those tests. Sends an alert if there is a positive test.

## Time for completion:

To be completed by April 22, 2020

# Executable Release: Creating Invoices and Payments

## Goal:

Creating Invoices to send to patients showing them their cost of the visit, while also keeping track of if the patient has paid their bill.

## Classes to be implemented:

Invoice, Payment

## Previously implemented classes to use:

Visit

## Use case to be implemented:

Determining they type of visit

Determining if the patient paid the invoice

Determining the type of payment

## Inputs:

The visit, the cost, the amount paid, the date created and the reference number of the invoice

## Outputs:

The invoice will be used for billing purposes and help in generating reports

## Time for completion:

To be completed by April 23, 2020

# Executable Release: Login System

## Goal:

Verification that the person is allowed to access the system by checking their KSU ID against a database of KSU students and employees.

## Classes to be implemented:

Patient, Personnel.

## Previously implemented classes to use:

N\A

## Use case to be implemented:

Determining if the patient has a KSUID

Determining if the patient is a student, faculty, nurse, or therapist

## Inputs:

The person’s KSU ID

## Outputs:

The KSU ID will be used to decide what kind of access the person will have to the system

## Time for completion:

To be completed before launch of the website

# Executable Release: Generating Reports

## Goal:

To keep track of the running total of money earned by the different services offered. Also, to keep track of how many cases of positive corona virus tests there are at Kent State, and in Ohio.

## Classes to be implemented:

Report

## Previously implemented classes to use:

Invoice

## Use case to be implemented:

Determining how much money was made by the different services

Determining the amount of positive cases

## Inputs:

The date the report was generated and the data it contains

## Outputs:

The amount of money earned from each service offered, the number of cases at KSU and in Ohio.

## Time for completion:

To be completed by April 24, 2020