Name: Jessica Barnitz

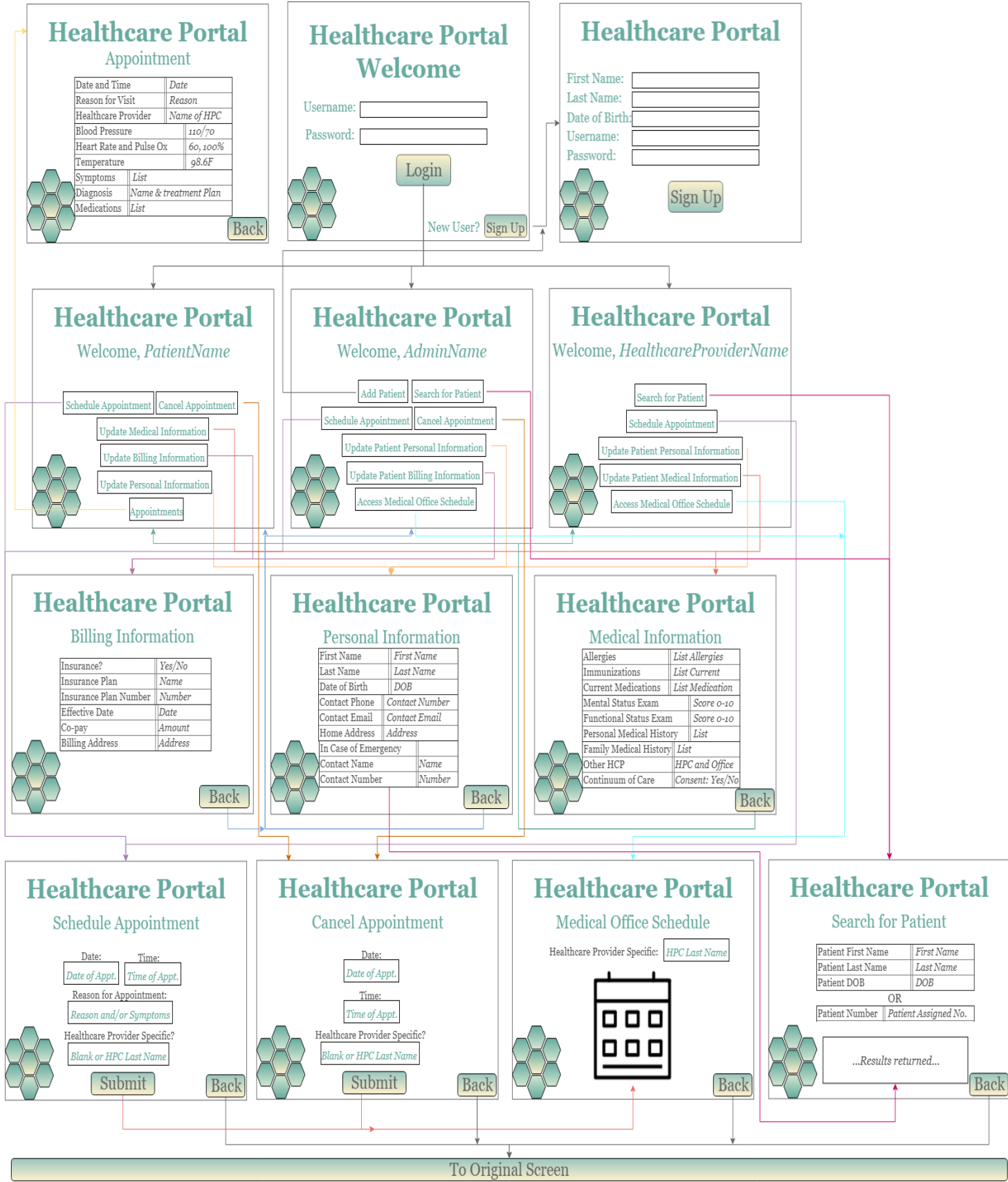**Title:** Healthcare Portal

Project Summary:

A healthcare portal for a medical office that schedules upcoming and previous patient appointments and securely maintains the patient's health record. Once this system is complete patients can sign up for the portal, log in, request an appointment for a healthcare provider, have full access to their personal information, medical information and billing information, and give consent to share their medical information. The medical office admin can sign up and log in, add patients to the portal, have full access to the medical office schedule, can schedule/reschedule appointments for the healthcare provider, can search for a patient by name or patient number, and have full access to patient personal information and billing information. The healthcare providers can sign up and log in, have full access to the medical office schedule, can schedule/reschedule appointments for the healthcare provider, can search for a patient by name or patient number, have full access to patient personal information and medical information and when healthcare providers refer patients to outside healthcare providers, they can share the patient's medical information for continuum of care, with patient consent.

Project Requirements:

REQ ID	NAME OF REQUIREMENT	AS A	RESPONSIBILITIES I WANT TO	SO THAT
UR-01A	Sign up	Patient	Sign up for the healthcare portal	I can access the healthcare portal
UR-01B	Sign up	Admin	Sign up for the healthcare portal	I can access the healthcare portal with privileged access
UR-01C	Sign up	Healthcare Provider	Sign up for the healthcare portal	I can access the healthcare portal with privileged access
UR-02A	Add patients	Admin	Sign patients up for the healthcare portal	The patient can access the healthcare portal
UR-03A	Log in	Patient	Log into the healthcare portal	I can access the patient healthcare portal and the corresponding functionality which includes my personal information, medical information and billing information
UR-03B	Log in	Admin	Log into the healthcare portal	I can access the medical office admin portal and the corresponding functionality which includes access to patient personal information and billing information
UR-03C	Log in	Healthcare Provider	Log into the healthcare portal	I can access the medical office healthcare provider portal and the corresponding functionality which includes access to patient personal information and medical information
UR-04A	Request Appointment	Patient	Request an appointment with a certain HCP	I can see my healthcare provider in person on day and time requested

REQ ID	NAME OF REQUIREMENT	AS A	RESPONSIBILITIES I WANT TO	SO THAT
UR-05A	Schedule Appointment	Admin	Schedule an appointment for a patient with a certain HCP	The patient will see their chosen HCP on the day and time requested, HCP schedule permitting
UR-05B	Schedule Appointment	Healthcare Provider	Schedule an appointment for a patient for a follow up visit	The patient will have a follow up visit scheduled prior to leaving the current appointment
UR-06A	Cancel Appointment	Patient	Cancel an existing appointment	I can cancel an existing appointment with my healthcare provider if I am not able to keep the appointment
UR-06B	Cancel Appointment	Admin	Cancel a patients existing appointment with HPC	At the patients request, cancel an existing appointment and free the appointment time in the healthcare provider schedule
UR-07A	Access Medical Office Schedule	Admin	Have full access to the medical office schedule	I can schedule or reschedule a patient who wants to see a certain healthcare provider
UR-07B	Access Medical Office Schedule	Healthcare Provider	Have full access to the medical office schedule	I can determine what patients I have for the day and schedule follow up visits with patients
UR-08A	Search for Patients	Admin	Search for a patient by name or patient number	I can access their account for updating patient personal information and/or billing information
UR-08B	Search for Patients	Healthcare Provider	Search for a patient by name or patient number	I can access their account to review the patient personal information and/or medical information
UR-09A	Continuum of Care	Patient	Permit or Deny sharing of my medical records	I can determine who accesses my medical information outside of my HPC's medical office
UR-09B	Continuum of Care	Healthcare Provider	Share a patient's medical records with express patient permission	When I refer patients to outside healthcare providers, I can share the patient's medical information for continuum of care
UR-10A	Appointment	Healthcare Provider	When a patient comes in for an appointment I want to diagnosis symptoms	I can provide patient care and prescribe medications as necessary and have an accurate log of patient encounters

UI Mockups:

Healthcare Portal
Appointment

Date and Time	Date
Reason for Visit	Reason
Healthcare Provider	Name of HPC
Blood Pressure	110/70
Heart Rate and Pulse Ox	60, 100%
Temperature	98.6F
Symptoms	List
Diagnosis	Name & treatment Plan
Medications	List

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Healthcare Portal
Welcome

Username:

Password:

Login

New User? Sign Up

Healthcare Portal

First Name:
Last Name:
Date of Birth:
Username:
Password:

Sign Up

Healthcare Portal
Welcome, *PatientName*

Schedule Appointment   Cancel Appointment

Update Medical Information

Update Billing Information

Update Personal Information

Appointments

Healthcare Portal
Welcome, *AdminName*

Add Patient   Search for Patient

Schedule Appointment   Cancel Appointment

Update Patient Personal Information

Update Patient Billing Information

Access Medical Office Schedule

Healthcare Portal
Welcome, *HealthcareProviderName*

Search for Patient

Schedule Appointment

Update Patient Personal Information

Update Patient Medical Information

Access Medical Office Schedule

Healthcare Portal
Billing Information

Insurance?	Yes/No
Insurance Plan	Name
Insurance Plan Number	Number
Effective Date	Date
Co-pay	Amount
Billing Address	Address

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Healthcare Portal
Personal Information

First Name	First Name
Last Name	Last Name
Date of Birth	DOB
Contact Phone	Contact Number
Contact Email	Contact Email
Home Address	Address
In Case of Emergency	
Contact Name	Name
Contact Number	Number

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Healthcare Portal
Medical Information

Allergies	List Allergies
Immunizations	List Current
Current Medications	List Medication
Mental Status Exam	Score 0-10
Functional Status Exam	Score 0-10
Personal Medical History	List
Family Medical History	List
Other HPC	HPC and Office
Continuum of Care	Consent: Yes/No

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Healthcare Portal
Schedule Appointment

Date: Time:

Date of Appt.   *Time of Appt.*

Reason for Appointment:

Reason and/or Symptoms

Healthcare Provider Specific?

Blank or HPC Last Name

Submit   Back

Healthcare Portal
Cancel Appointment

Date:

Date of Appt.

Time:

Time of Appt.

Healthcare Provider Specific?

Blank or HPC Last Name

Submit   Back

Healthcare Portal
Medical Office Schedule

Healthcare Provider Specific: *HPC Last Name*

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Healthcare Portal
Search for Patient

Patient First Name	First Name
Patient Last Name	Last Name
Patient DOB	DOB

OR

Patient Number	Patient Assigned No.

...Results returned...

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To Original Screen

Class Diagram: