

CRC Cards for TriageApplication

	MedicalRecord	
<ul style="list-style-type: none"> - Records - Health card number - Get most recent record - Get past records - Add record - get health card number - Convert to string - clone 	Patient PatientManager Record Nurse NewPatientActivity	

	Patient	
<ul style="list-style-type: none"> - Name - date of birth - Health card number - Current record - Arrival time - Current - Medical record - Seen by physician - Time seen by physician - Get name - Get brith date - Get health card number - Get most recent record - Get medical record - Get current record - Get current - Get urgency - Get seen by physician - Get time seen by physician - Get arrival time - Set seen by physician - Add new record - Add vitals - Add prescriptions - Display vitals - Display prescriptions - Display - Display records - Display arrival time - Display date of birth - Display time seen by doctor - display urgency - Convert to string 	MedicalRecord PatientManager Prescription Record VitalSigns Nurse Physician AddPrescriptionActivity AddVitalsActivity ListPatientsActivity NewPatientActivity PatientActivity ShowActivity	

	PatientManager	Saveable
<ul style="list-style-type: none"> - Array of all patients - Directory of patients based on Health Card Numebr - Array of Current Patients 	Patient MedicalRecord Prescription Record?	

<ul style="list-style-type: none"> - Directory of medical records - Array of Patients not seen by doctors - Urgency list of patients - Add patient - Get patients - Get patient - Get medical records - Get current patients - Get urgency list - Get array of patients - Add patient vitals - Add patient prescriptions - Save - Populate 	Saveable VitalSigns Nurse Physician AddPrescriptionActivity AddVitalsActivity HomeActivity ListPatientsActivity LookUpRecordActivity NewPatientActivity PatientActivity ShowActivity SuccessPatientActivity
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	Prescription	
<ul style="list-style-type: none"> - Time stamp - Name - Instructions - Get name - Get instructions - Display - Convert to string 	Patient PatientManager Record Physician AddPrescriptionActivity	

	Record	
<ul style="list-style-type: none"> - Health card number - Sital signs records - Time stamp - Prescription records - Get health card number - Get vital signs records - Get prescription records - Add new vitals sign record - Add new prescription record - get time stamp - Get display - Convert to string - Clone 	Patient MedicalRecord PatientManager Prescription VitalSigns Nurse	

	Saveable	PatientManager
<ul style="list-style-type: none"> - Save to file 	PatientManager HomeActivity Nurse Physician	

	VitalSigns	
<ul style="list-style-type: none"> - Systolic - diastolic 	Patient PatientManager	

<ul style="list-style-type: none"> - Temperature - Heart rate - Time stamp - Urgency - Get urgency - Display - Convert to string 	Record Nurse AddVitalsActivity
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	Nurse	User
<ul style="list-style-type: none"> - Sign in patient - Record time of arrival for patient - Add vitals - Clone 	Patient MedicalRecord PatientManager Record? Saveable VitalSigns User UserManager AddVitalsActivity HomeActivity ListPatientsActivity LookUpRecordActivity NewPatientActivity PatientActivity ShowActivity SuccessPatientActivity	

	Physician	User
<ul style="list-style-type: none"> - AddPatientPrescription - clone 	Patient PatientManager Prescription User Saveable UserManager AddPrescriptionActivity HomeActivity ListPatientsActivity LookUpRecordActivity PatientActivity ShowActivity	

	User	Physician, Nurse
<ul style="list-style-type: none"> - Username - Password - Get username - Get password - Save 	Nurse Physician AddPrescriptionActivity AddVitalsActivity HomeActivity ListPatientsActivity LookUpRecordActivity PatientActivity	

	ShowActivity	
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	UserManager	
<ul style="list-style-type: none"> - Map of usernames to users - Map of usernames to passwords - array of all usernames - Get username to password - Get usernames - Get user - Populate 	Nurse User Physician LogInActivity	

	AddPrescriptionActivity	
<ul style="list-style-type: none"> - Physician - Patient - PatientManager - Get prescription name from user - Get prescription instructions from user - Create new Prescription - Store prescription (have Physician add Prescription for Patient) 	userManager User Physician Patient PatientManager PatientActivity Prescription Patient	

	AddVitalsActivity	
<ul style="list-style-type: none"> - Nurse - Patient - PatientManager - Get systolic from user - Get diastolic from user - Get heart rate from user - Get temperature from user - Create new vitals signs - store new vitals signs (have Nurse add VitalSigns for Patient) 	User Nurse Patient PatientManager PatientActivity VitalSigns Patient	

	HomeActivity	
<ul style="list-style-type: none"> - User - PatientManager - Display list of buttons for user to choose from, depending on user type - save all data (have user save all data) - prompt user to, depending on type, sign in new patient, list all patients, list patients by urgency, save or look up a patient's record. 	User Physician Nurse PatientManager ListPatientsActivity LogInActivity LookUpRecordActivity NewPatientActivity ShowActivity SuccessPatientActivity Saveable	

	ListPatientsActivity	
<ul style="list-style-type: none">- User- PatientManager- Display list of buttons depending on user, either a list ordered by arrival time of all patients, or a list of patients not seen by doctor, ordered by decreasing urgency- Prompt user to go to patient	User Physician Nurse PatientManager HomeActivity PatientActivity	

	LogInActivity	
<ul style="list-style-type: none">- User- UserManager- PatientManager- Get username from user- Get password from user- get the corresponding usernames object (Nurse or Physician)- Log in user if username and password are correct.- Load saved data (if it exists)	<div>User</div> <div>Physician</div> <div>Nurse</div> <div>PatientManager</div> <div>HomeActivity</div> <div>UserManager</div>	

	LookUpRecordActivity	
<ul style="list-style-type: none">- User- PatientManager- Get health card number from user- Look up patients record, which contains all data stored about that patient	User Physician Nurse PatientManager HomeActivity PatientActivity	

	NewPatientActivity	
<ul style="list-style-type: none">- Nurse- PatientManager- Get new patient name from user- Get new patient date of birth from user- Get new patient health card number from user- Create patient- Store patient- Record time of arrival for patient- (have nurse sign in patient)	<ul style="list-style-type: none">UserNursePatientManagerHomeActivityPatientMedicalRecord	

	PatientActivity	
<ul style="list-style-type: none">- User- Patient- PatientManager- For a Physician: Display the buttons:	User Physician Nurse PatientManager	

Record Prescription, Display Prescription, Display Vitals signs, Display Patients Records - For a Nurse: Display the buttons: Record Vitals Signs, Display Vitals Signs, Display Patients Records, and - Send patient to Physician - Have nurse set Patients time seen by physician and seen by physician	AddPrescriptionActivity AddVitalsActivity HomeActivity ListPatientsActivity LookUpRecordActivity ShowActivity Patient
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	ShowActivity	
<ul style="list-style-type: none"> - User - Patient - PatientManager - Based on previous activity input, display either the specific patient's VitalSigns, Prescriptions, or MedicalRecord. MedicalRecord displays all information recorded about this patient. - Prompt user to either go back the PatientActivity, or go to the HomeActivity. 	User Physician Nurse PatientManager HomeActivity PatientActivity Patient	

	SuccessPatientActivity	
<ul style="list-style-type: none"> - Nurse - PatientManager - Display information to the user that the patient has been successfully added - prompt the user to return to the home screen. 	User Nurse PatientManager HomeActivity NewPatientActivity	