ECS Use Cases

# Top Level Use Cases

**Use Case:** *Select Patient Chart***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Log On*](#LogOn)  from ECS
* ECS req. ser. *displayAvailableActions* from UI
* UI req. ser. [*List Patients*](#ListPatients) from ECS
* ECS req. ser. *displayPatientList* from UI
* UI req. ser. *getPatientChart* from ECS

**Use Case:** *View Patient Chart***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI

**Use Case:** *Update Patient Chart***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *beginChartUpdate* from ECS
* ECS req. ser. *modifyChartData* from UI
* UI req. ser. *commitChartUpdate* from ECS
* ECS req. ser. *displayPatientChart* from UI

**Use Case:** *Order Diagnostic Test***Actors:** UI, ECS**Initiating Actor:** UI**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. [*Create Diagnostic Request*](#CreateDiagnosticRequest) from ECS
* ECS req. ser. *displayDiagnostic* from UI

**Use Case:** *Input Diagnostic Results***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *beginDiagnosticTest* from ECS
* ECS req. ser. s*upplyDiagnosticResults* from UI
* UI req. ser. *commitDiagnosticTest* from ECS
* ECS req ser. *displayDiagnostic* from UI

**Use Case:** *View Diagnostic Results***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *getCompletedDianostics* from ECS
* ECS req. ser. *selectDiagnosticResults* from UI
* UI req. ser. *getDiagnosticResults* from ECS
* ECS req. ser. *displayDiagnostic* from UI

**Use Case:** *Contact Patient***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *getContactInfo* from ECS
* ECS req. ser. s*electContactMethod* from UI

**Use Case:** *Order Prescription***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *createNewPrescription* from ECS
* ECS req. ser. s*upplyPrescriptionInfo* from UI
* UI req. ser. *validatePrescription* from ECS
* ECS req. ser. *confirmPrescription* from UI
* UI req. ser. *commitPrescription* from ECS
* ECS req. ser. *displayPrescription* from UI

**Use Case:** *View Vitals***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *getVitalsHistory* from ECS
* ECS req. ser. *displayVitals* from UI

**Use Case:** *Update Vitals***Actors:** UI, ECS  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. [*Select Patient Chart*](#SelectPatientChart)from ECS
* ECS req. ser. *displayPatientChart* from UI
* UI req. ser. *createNewVitalsEntry* from ECS
* ECS req. ser. *supplyCurrentVitals* from UI
* UI req. ser. *validateVitals* from ECS
* ECS req. ser. *confirmVitals* from UI
* UI req. ser. *commitVitals* from ECS
* ECS req. ser. *displayVitals* from UI

# Supporting Use Cases

**Use Case:** *Log On***Actors:** UI, ECS, DB  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. *connectToDB* from ECS
* ECS req. ser. *displayLoginPrompt* from UI
* UI req. ser. *validateUserCredentials* from ECS
* ECS req. ser. *openDatabase* from DB
* DB req. ser. *receiveDatabaseConnection* from ECS

**Use Case:** *Create Diagnostic Request***Actors:** UI, ECS, DB  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. *createNewDiagnostic* from ECS
* ECS req. ser. *completeDiagnostic* from UI
* UI req. ser. *validateDiagnostic*  from ECS
* ECS req. ser. *confirmDiagnostic*  from UI
* UI req. ser. *commitDiagnostic*  from ECS
* ECS req. ser. *storeDiagnostic*  from DB
* DB req. ser. *receiveDiagnosticID*  from ECS
* ECS req. ser. *displayDiagnostic* from UI

**Use Case:** *List Patients***Actors:** UI, ECS, DB  
**Initiating Actor:** UI  
**Events:**

* UI req. ser. *getPatientList*  from ECS
* ECS req. ser. *getUniquePatients* from DB
* DB req. ser. *receivePatientsList* from ECS