# UI <-> Service Interactions

### 1. Login Call:

RequestMapping:**/login**

**Request:**

Method: POST

Headers: {

'Content-Type': 'application/json',

‘Accept-Encoding’: ‘charset=UTF-8’

‘Host’: <host:port>/fhir-ems-service

‘Connection’: ‘Keep-Alive’

‘User-Agent’: ‘Apache-HttpClient/4.1.1’

}

Params: {

“username“: “fhir-ems-user”

“password“: “fhir-ems-pwd“

}

**Response:**

{

"timestamp": 1508363529836,

"status": 200, (Will change with error. Will be error codes like 401, 404, 500 etc.)

"message": "OK",

"path": "/login"

“data”: {

“loginStatus”: “Success/Failure”

}

}

2. Dashboard Loading Call:

RequestMapping:**/dashboard**

**Request:**

Method: GET

Headers: {

'Content-Type': 'application/json',

‘Accept-Encoding’: ‘charset=UTF-8’

‘Host’: <host:port>/fhir-ems-service

‘Connection’: ‘Keep-Alive’

‘User-Agent’: ‘Apache-HttpClient/4.1.1’

}

**Response:**

{

"timestamp": 1508363529836,

"status": 200, (Will change with error. Will be error codes like 401, 404, 500 etc.)

"message": "OK",

"path": "/dashboard"

“data”: {

“emergencies”: [

“pendingEmergencies”: [

“pendingEmergency1”:{

“emergencyId”: “EMS\_1”

“emergencyLocation”: “Location info as much as is available”,

“callerNumber”: “111.111.1111”,

“emergencyPersonnelName”: “Person1”,

“emergencypersonnelNumber”: “222.222.2222”,

“patient”:{

“name”: ‘Patient Full Name if known”,

“condition”: ”Current condition”,

“reason”: “Reason for call”,

“patientEmergencyContact”: ”555.555.5555”

“patientDetails”: “Other details of the patient if already available in the system.”

}

},

“pendingEmergency2”{

…

}

]

“activeEmergencies”: [

“activeEmergency1”:{

“emergencyId”: “EMS\_4”

“emergencyLocation”: “Location info as much as is available”,

“callerNumber”: “123.456.7890”,

“emergencyPersonnelName”: “Person5”,

“emergencypersonnelNumber”: “333.333.3333”,

“patient”:{

“name”: ‘Patient Full Name if known”,

“condition”: ”Current condition”,

“reason”: “Reason for call”,

“patientEmergencyContact”: “777.777.7777”

“patientDetails”: “Other details of the patient if already available in the system.”

}

},

“activeEmergency2”{

…

}

]

“closedEmergencies”: [

“closedEmergency1”:{

“emergencyId”: “EMS\_8”

“emergencyLocation”: “Location info as much as is available”,

“callerNumber”: “234.567.8901”,

“emergencyPersonnelName”: “Person10”,

“emergencypersonnelNumber”: “888.888.8888”,

“patient”:{

“name”: ‘Patient Full Name if known”,

“condition”: ”Current condition”,

“reason”: “Reason for call”,

“patientEmergencyContact”: ” 111.111.1111”

“patientDetails”: “Other details of the patient if already available in the system.”

}

},

“closedEmergency2”{

…

}

]

]

}

}

3. Add Emergency:

RequestMapping:**/emergency/add**

**Request:**

Method: POST

Headers: {

'Content-Type': 'application/json',

‘Accept-Encoding’: ‘charset=UTF-8’

‘Host’: <host:port>/fhir-ems-service

‘Connection’: ‘Keep-Alive’

‘User-Agent’: ‘Apache-HttpClient/4.1.1’

}

Params:{

'“name”: ‘Patient Full Name if known”,

“addressLine1”: “2401 Bounty Street”,’

“addressLine2”: ,

“city”: “X\_City”,

“state”: “GA”,

“phoneNumber”: “999.999.9999”

}

**Response:**

{

"timestamp": 1508363529836,

"status": 200, (Will change with error. Will be error codes like 401, 404, 500 etc.)

"message": "OK",

"path": "/emergency/add"

“data”: {

“emergencyStatus”: “Pending”

}

}

4. Update Emergency:

RequestMapping:**/emergency/update**

**Request:**

Method: POST

Headers: {

'Content-Type': 'application/json',

‘Accept-Encoding’: ‘charset=UTF-8’

‘Host’: <host:port>/fhir-ems-service

‘Connection’: ‘Keep-Alive’

‘User-Agent’: ‘Apache-HttpClient/4.1.1’

}

Params:{

“emergencyPersonnelName”: “Person11”,

“emergencyPersonnelNumber”: “888.888.8888”,

}

**Response:**

{

"timestamp": 1508363529836,

"status": 200, (Will change with error. Will be error codes like 401, 404, 500 etc.)

"message": "OK",

"path": "/emergency/add"

“data”: {

“emergencyStatus”: “Active”

}

}

5. Patient Search:

RequestMapping:**/patient/search**

**Request:**

Method: POST

Headers: {

'Content-Type': 'application/json',

‘Accept-Encoding’: ‘charset=UTF-8’

‘Host’: <host:port>/fhir-ems-service

‘Connection’: ‘Keep-Alive’

‘User-Agent’: ‘Apache-HttpClient/4.1.1’

}

Params:{

'“name”: ‘Patient Full Name if known”,

“addressLine1”: “2401 Bounty Street”,’

“addressLine2”: ,

“city”: “X\_City”,

“state”: “GA”,

“phoneNumber”: “999.999.9999”

}

**Response:**

{

"timestamp": 1508363529836,

"status": 200, (Will change with error. Will be error codes like 401, 404, 500 etc.)

"message": "OK",

"path": "/emergency/add"

“data”: {

“Patient1”: [

"id": "13664",

"assigner":"Acme Healthcare"

"active": true,

"Name": “Peter James Chalmers”

"telecom": [

{

"use": "home"

},

{

"system": "phone",

"value": "(03) 5555 6473",

"use": "work"

}

],

"gender": "male",

"birthDate": "1974-12-25",

"deceasedBoolean": false,

"address": [

{

"use": "home",

"type": "both",

"line": [

"534 Erewhon St"

],

"city": "PleasantVille",

"district": "Rainbow",

"state": "Vic",

"postalCode": "3999",

"period": {

"start": "1974-12-25"

}

}

],

"contact": [

{

"relationship": “partner”

"Name": ”Bénédicte du Marché”

"telecom": [

{

"system": "phone",

"value": "+33 (237) 998327"

}

],

"gender": "female",

}

"managingOrganization": {

"reference": "Organization/3740"

}

],

“patient2”: [

…….

]

}

}

6. Patient Dashboard:

RequestMapping:**/patient/dashboard**

**Request:**

Method: POST

Headers: {

'Content-Type': 'application/json',

‘Accept-Encoding’: ‘charset=UTF-8’

‘Host’: <host:port>/fhir-ems-service

‘Connection’: ‘Keep-Alive’

‘User-Agent’: ‘Apache-HttpClient/4.1.1’

}

Params:{

"patientId": "13664"

}

**Response:**

{

"timestamp": 1508363529836,

"status": 200, (Will change with error. Will be error codes like 401, 404, 500 etc.)

"message": "OK",

"path": "/emergency/add"

“data”: {

"id": "13664",

"assigner":"Acme Healthcare"

"active": true,

"name": “Peter James Chalmers”

"telecom": [

{

"use": "home"

},

{

"system": "phone",

"value": "(03) 5555 6473",

"use": "work"

}

],

"gender": "male",

"birthDate": "1974-12-25",

"deceasedBoolean": false,

"address": [

{

"use": "home",

"type": "both",

"line": [

"534 Erewhon St"

],

"city": "PleasantVille",

"district": "Rainbow",

"state": "Vic",

"postalCode": "3999",

"period": {

"start": "1974-12-25"

}

}

],

"contact": [

{

"relationship": “partner”

"Name": ”Bénédicte du Marché”

"telecom": [

{

"system": "phone",

"value": "+33 (237) 998327"

}

],

"gender": "female",

}

"managingOrganization": {

"reference": "Organization/3740"

}

}

}