# Alarm clockCreate Care Environment

**Time to Complete:**

**30 Minutes**

Next, you will be asked to create information about the care environment members you placed a check mark next to in Exercise 1. The information you enter in the table below will be used to help you make your first FHIR Resource that can be loaded into your FHIR pits to help strengthen your team’s demo.

FHIR Resources have many elements that communicate and categorize information about practitioners and organizations. You will only be asked to fill out a handful of elements in this exercise, but you are encouraged to explore each resource type further as you become more comfortable with FHIR.

## Exercise 2: Generate FHIR Resources

**Objective:** Choose a pair of individuals from the list of care environment members from Exercise 1. Prioritize members that exchange information with each other and will be involved in your demo.

Fill out each of the tables below with information about the persona (Patient), individuals (Practitioners) and the organizations the individuals are affiliated with (Organization). You will have to imagine names and other information for these Practitioners and Organizations. Don’t worry about getting it perfect, just focus on a small set of information that is generic enough to not be distracting if shown during your demo.

#### Patient:

|  |  |  |
| --- | --- | --- |
| Element |  | Template Item |
| Identifier (MRN) |  | PT1 |
| Family Name |  | PT2 |
| Given Name |  | PT3 |

#### Practitioner 1:

|  |  |  |
| --- | --- | --- |
| Element |  | Template Item |
| Identifier 1 (SSN) |  | P1 |
| Identifier 2 (NPI if applicable) |  | P2 |
| Family Name |  | P3 |
| Given Name |  | P4 |

#### Practitioner 2:

|  |  |  |
| --- | --- | --- |
| Element |  | Template Item |
| Identifier 1 (SSN) |  | P5 |
| Identifier 2 (NPI if applicable) |  | P6 |
| Family Name |  | P7 |
| Given Name |  | P8 |

#### Organization 1:

|  |  |  |
| --- | --- | --- |
| Element |  | Template Item |
| Organization Name |  | O1 |
| Telecom (XXX-XXX-XXXX) |  | O2 |
| Address Line |  | O3 |
| Address City |  | O4 |
| Address State Abbreviation |  | O5 |
| Address Postal Code |  | O6 |
| Address Country |  | O7 |

#### Organization 2:

|  |  |  |
| --- | --- | --- |
| Element |  | Template Item |
| Organization Name |  | O1 |
| Telecom (XXX-XXX-XXXX) |  | O2 |
| Address Line |  | O3 |
| Address City |  | O4 |
| Address State Abbreviation |  | O5 |
| Address Postal Code |  | O6 |
| Address Country |  | O7 |

## Exercise 3: Complete the FHIR Resource Template

**Objective:** Copy and paste your answers from Exercise 2 into the FHIR Resource Templates below. Use the Template Item column to identify the highlighted section that your answers will be swapped into.

### **Patient FHIR Resource:**

{

"resourceType": "Patient",

"text": {

"status": "generated",

"div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details</b></p><p><b>identifier</b>: PT1 </p><p><b>name</b>: PT2 PT3 </p></div>"

},

"identifier": [

{

"system": "http://fhir.hospital.address/NamingSystem/mrn",

"value": "PT1"

}

],

"name": [

{

"family": "PT2",

"given": ["PT3"]

}

]

}

### **Practitioner 1 FHIR Resource:**

{

"resourceType": "Practitioner",

"text": {

"status": "generated",

"div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details</b></p><p><b>identifier</b>: P1 , P2 </p><p><b>name</b>: P3 P4 </p></div>"

},

"identifier": [

{

"system": "http://hl7.org/fhir/sid/us-ssn",

"value": "P1"

},

{

"system": "http://hl7.org/fhir/sid/us-npi",

"value": "P2"

}

],

"name": [

{

"family": "P3",

"given": ["P4"]

}

]

}

### **Practitioner 2 FHIR Resource:**

{

"resourceType": "Practitioner",

"text": {

"status": "generated",

"div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details</b></p><p><b>identifier</b>: P5 , P6 </p><p><b>name</b>: P7 P8 </p></div>"

},

"identifier": [

{

"system": "http://hl7.org/fhir/sid/us-ssn",

"value": "P5"

},

{

"system": "http://hl7.org/fhir/sid/us-npi",

"value": "P6"

}

],

"name": [

{

"family": "P7",

"given": ["P8"]

}

]

}

### **Organization 1 FHIR Resource:**

{

"resourceType": "Organization",

"text": {

"status": "generated",

"div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details</b></p><p><b>name</b>: O1 </p><p><b>telecom</b>: O2 </p><p><b>address</b>: O3, O4 O5 O6, O7 </p></div>"},

"name": "O1",

"telecom": [

{

"system": "phone",

"value": "O2"

}

],

"address": [

{

"line": ["O3"],

"city": "O4",

"state": "O5",

"postalCode": "O6",

"country": "O7"

}

]

}

### **Organization 2 FHIR Resource:**

{

"resourceType": "Organization",

"text": {

"status": "generated",

"div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative with Details</b></p><p><b>name</b>: O8 </p><p><b>telecom</b>: O9 </p><p><b>address</b>: O10, O11 O12 O13, O14 </p></div>"},

"name": "O8",

"telecom": [

{

"system": "phone",

"value": "O9"

}

],

"address": [

{

"line": ["O10"],

"city": "O11",

"state": "O12",

"postalCode": "O13",

"country": "O14"

}

]

}