

Phase1 EER I CS 6400 - Summer 2018 I Team 05

List of modifications to EER based on phase 1 feedback

1. Changed **User** into disjoint Supertype of **Individual, Municipality, Government Agency, Company**
2. Changed Agency Name / Local Office of **Government Agency** into a single attribute
3. Added attribute Resource ID, a unique identifier for **Resource**
4. Deleted attributes Primary ESF and Add'l ESFs from **Resource**
5. Added Entity **ESF**
 1. Added two relationships with **Resource**
 1. Has Primary, 1-N relationship between **ESF** and **Resource** (required)
 2. Has Secondary, N-N relationship between **ESF** and **Resource**
 2. Added two attributes: Number, a unique identifier of **ESF**, and Description
6. Deleted Cost composite attribute (Cost, Cost Per), added attribute Cost to **Resource**
7. Added Entity **Cost Pers**
 1. Added one relationship with **Resource**
 1. Has, 1-N relationship between **Cost Pers** and **Resource** (required)
 2. Added one attribute: Cost Per, a unique identifier of **Cost Pers**
8. Deleted Request Resource and Deploy Resource relationships
9. Added new entity, **Request**
 1. Includes two relationships
 1. Requests Resource, 1-N relationship between **Resource** and **Request** (required)
 2. Request Incident, 1-N relationship between **Incident** and **Request** (required)
 2. Five attributes: Request ID, a unique identifier for **Request**, Requested Start Date, Deploy Date, Request Status, and Expected Return Date
10. Deleted attribute Type from **Incident**
11. Added new entity, **Incident Type**
 1. Includes one relationship with **Incident**
 1. Is, a 1-N relationship between **Incident** (required) and **Incident Type**
 2. Two attributes: Abbreviation, a unique identifier of **Incident Type**, and Description
12. Added attribute Incident ID, a unique identifier for **Incident**
13. Changed **Incident** to be weak entity type
 1. **Incident** requires the relationship, Is, with **Incident Type**
 2. Unique Identifier is the combination of **Incident Type** attribute Abbreviation and **Incident** attribute Incident ID

