

## Front End Element Responsibility Catalog

Components (Services)	Responsibilities
Login	Validates the login credentials entered by the user and authenticates the users respectively to access the application
Fetch Project	For a given user, fetch the associated projects from the database
Fetch Roles	For a given project, fetch the list of roles defined for that project.
Fetch entities	For a given role, fetch the associated entities that can be accessed and edited by that role in a particular project.
Fetch Instances	For a given entity, fetch the associated list of instances created for that entity in a particular project.
Upsert Instance	Create a new instance pertaining to an entity in a particular project along with the user defined properties for that instance.
FetchModel	For a given project, this service would fetch the entire model of the project
FetchProperties	For a given instance, this service would fetch the properties associated with the instance
FetchParentChild	For a given project, this service would fetch the base version of this particular project and also the child projects which extend this project
FetchMappedEntities	For a particular entity, this service would fetch all the entities that are mapped to this particular entity.

JAVA SCRIPT OBJECTS	
SELECT PROJECT	List of projects received from the fetch projects service will be stored in this object. The content of this object will be used when the user wants to switch between various projects.
SELECT ROLES	Roles associated with a user for a particular project which he has chosen will be stored in this object and it can be later used when the user wants to switch between his roles assigned by the model manager.
SELECT ENTITIES	This object will store the details about the entities pertaining to a particular user. The contents of this object will be manipulated as per the user's request.
SELECT INSTANCES	This object will hold the informations pertaining to instances of each elements.
SELECT PROPERTIES	This object would hold all the information regarding the properties of the selected instance
SELECT MODEL	This object would contain the information of the entire model for the particular project
SELECT PARENT CHILD	This object would store the parent and child projects of the project that is being selected
SELECT MAPPED ENTITIES	This object would contain all the entities that are mapped to a particular entity