# GUI

The Resource Management GUI will only be used by administratrative users of the ISTS. When users first sign-in to the service, the most up-to-date Resource Management data is automatically downloaded from the remote persistent storage location on the IPFS to local memory. Below is what the main menu screen of the UI should approximately look like:

Main menu here.

Caption: The main menu screen of the Resource Management service UI.

The middle left column of buttons that define the state of each of the resources when clicked on bring up a form window that should look approximately like the following:

Define Resource Form here.

Caption: The “Define <Resource>” form of the Resource Management GUI. It allows users to create resources.

The middle right column of buttons that show the state of each of the resources when clicked on bring up a form window that should look approximately like the following:

Show Resource Form here.

Caption: The “Show <Resource>” form of the Resource Management GUI. It allows users to view, update, and delete resources. When clicking on an edit button, the corresponding resource’s “Define <Resource>” form should be brought up to allow for editing.

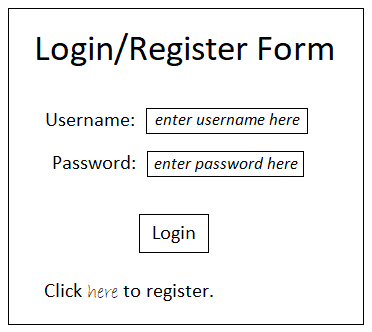
The bottom two rows of buttons involve functions that perform or provide support for some type of behavior on or manipulation of resource data. For instance, the “ISTS Entities Inventory” button brings up a window that shows an organized form view of the people and teams that make of the ISTS organization. This could be used to organize groups of people, e.g., flight crews and passengers, in order to support managing flights. More interactive functionality could also be included.

The top row of buttons are for navigational purposes such as directing users to other ISTS services or logging out.

# GUI

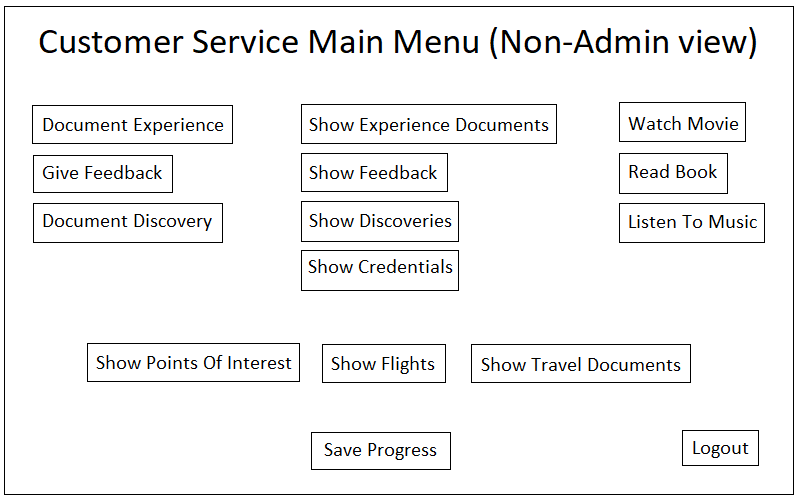
**Customer View**

The Customer service GUI will be used by passengers and administrators of the ISTS and is the main point of entry into the service. Administrators can navigate to the Resource Management, and Flight manager GUIs from it. When users first sign-in to the service, the most up-to-date Customer service data for the user is automatically downloaded from the remote persistent storage location on the IPFS to local memory. Below is what the login/register form should approximately look like:



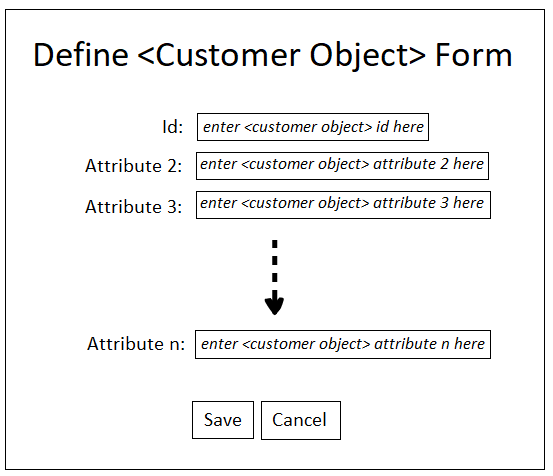
Caption: The login form for the Customer service GUI. The “Click here to register.” link at the bottom opens up a “Define <Customer object>” form (defined later in this section) when clicked where passengers can fill out registration information to create an account.

After users login, they should be brought to the main menu. Below is what the main menu screen of the Customer service UI should approximately look like:



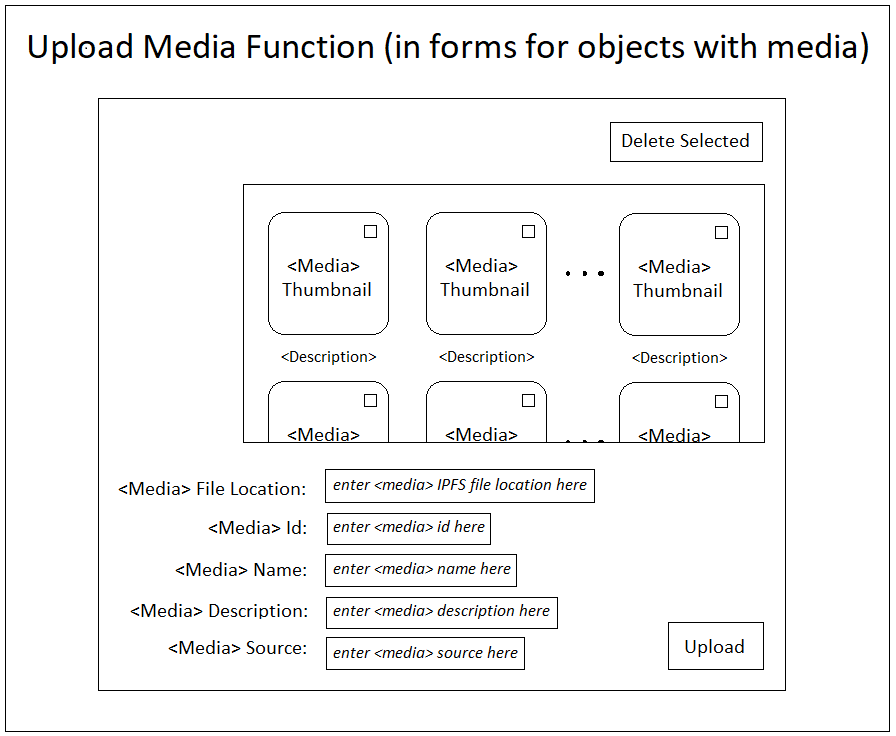
Caption: The main menu screen of the Customer service UI.

The top left column of buttons…



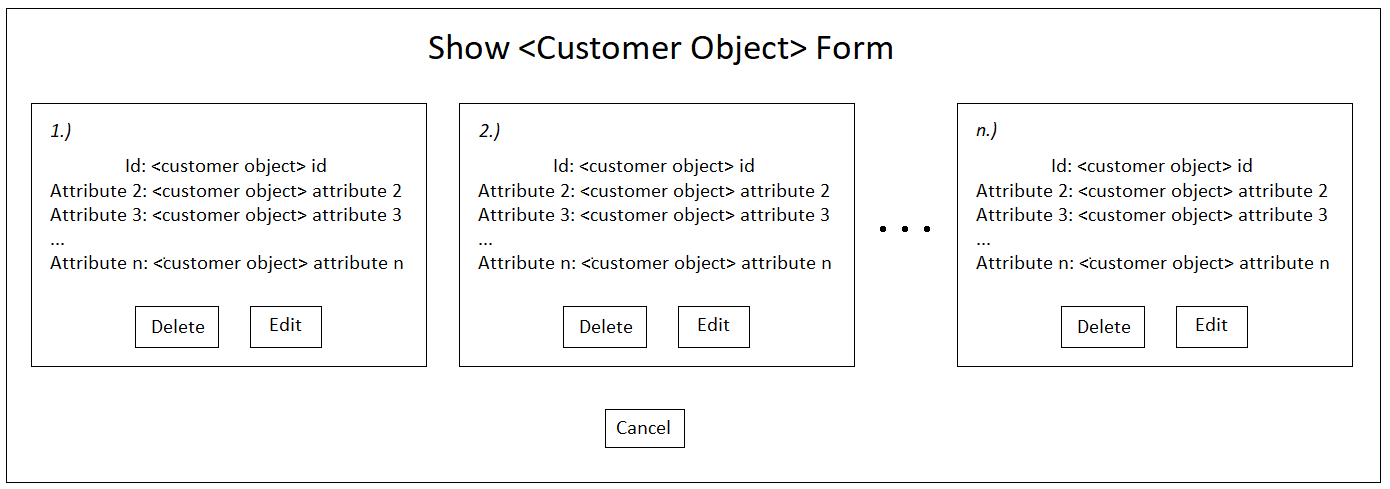
Caption:

For Customer objects that contain media (e.g., Discovery), the “Define <Customer Object>” form should include media management functionality that should look approximately like the following:



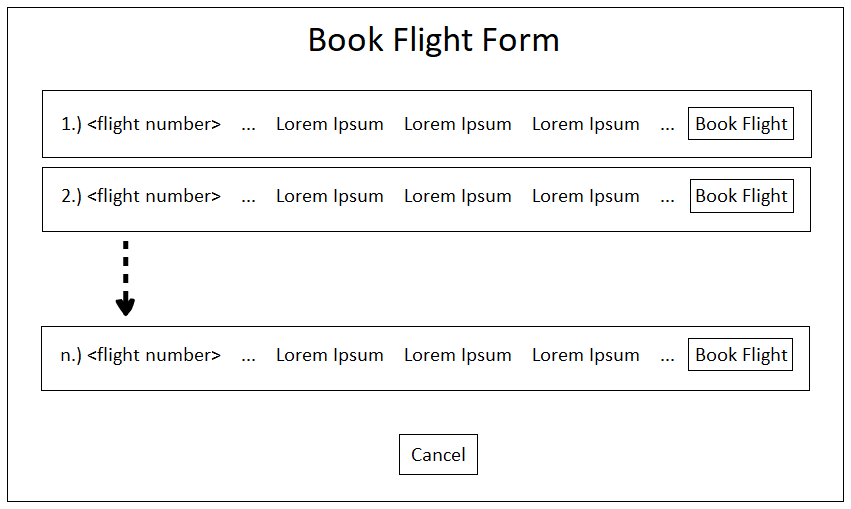
Caption: The upload-media funcationality that’s included on forms for Customer objects with media. Clicking on a thumbnail opens the media in another window for an enlarged view and/or to be listened to or read.

The “Show <Customer Object>” buttons show the state of each of the customer objects when clicked on and should bring up a form window that should look approximately like the following:



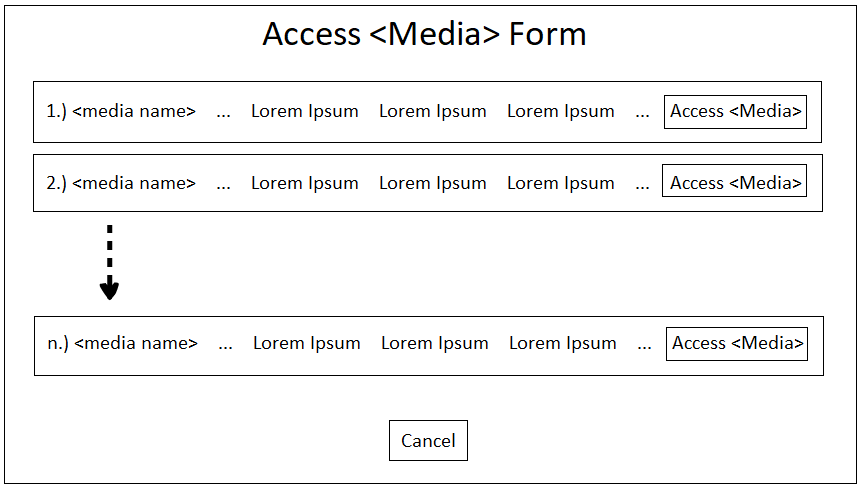
Caption:

The middle row of buttons (above the “Save Progress” button) is for browsing points of interest and flights, booking flights, and accessing important travel documents and flight information after booking a flight. These can’t be edited by passengers; only read (except passengers can upload their passport and visa information on the form that opens when they click on the “Show Travel Documents” button). The “Show Flights” button brings up another window for booking flights that looks approximately like the following:



Caption:

The top right column of buttons allow passengers to access in-flight entertainment. These can’t be edited by passengers; only read. Clicking on them should bring up a form that looks approximately like the following:



Caption:

The bottom “Save Progress” button uploads any local data updates/changes made, to the IPFS for persistence, so that it can be retrieved again at a later time.

**Admin View**

The Admin view of the Customer service GUI is the same as non-admin passenger’s except that…

* They not only get a view of their own data but every passenger’s data
* Navigate to other services
* Can define more types of Customer objects (movies, travel documents, etc.)