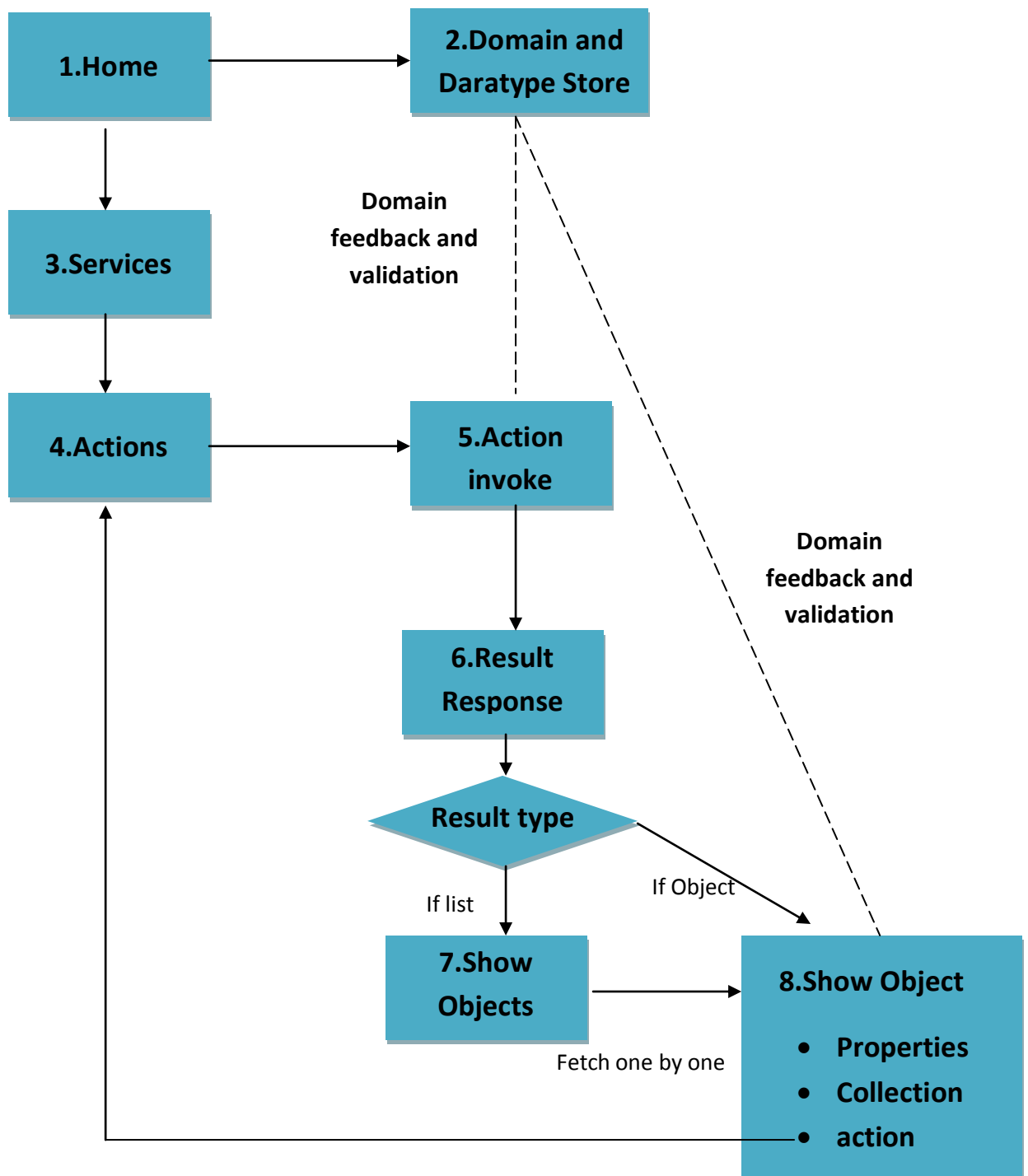# ISIS Generic Android app top view diagram

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1. This is the Home of the app. This consists of login screen.
2. While user logged on to the system it caches the domain details sent by the server. Also there is a pre built knowledge of mapping primitive datatype of the server in to android data types
3. Next window is the services window. This shows the all services provided by the web service
4. When we select a particular service, it consists of several actions. User can select the action he wants. It may be Insert, Delete, Update or Edit. Depending on the action arguments are required. If additional arguments are needed to fire that action new window appears requesting those arguments. Here our pre cached domain details are retrieved to validate fields.
5. Then we can invoke the action
6. After action is invoked result response is given from the server. We can categorize these responses in to 4 categories according to the result type. 1: list, 2: object, 3: scalar, 4 : null
7. If result type is a list, then whole list is shown user can select any list item.
8. When user selects a list item, it is expanded and its data is shown. At here also domain cache is used to data representation
9. Each object can contain properties, collections and actions. If user selects an action then process starting from #4 repeats.