# **<Title>**

# **<version Number>**

1. ***Objective***

*<To be filled>*

1. ***Approach***

*<<Specify your design approach at high level here>>*

1. ***Service Catalog***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **HTTP Method** | **Service Endpoint** | **Body / Parameters** | **Brief Description** | **Comments** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. ***Design Considerations / Models***

* **Class *Diagram***

**<<if possible create a UML class diagram. Not mandatory>>**

|  |  |  |
| --- | --- | --- |
| **Class Name** | **Responsibility** | **Collaborators** |
| <<Name of the class>> | <<Responsibility of the class>> | <<What other Classes that this class will collaborate with>> |
|  |  |  |
|  |  |  |

* ***Sequence Diagram(s)***

<<If possible create UML based sequence diagram. Not Mandatory>>

* ***Data Model***

***Table Name : < Name>***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type with Length | Constraints (if any) | Description | Comments |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

<<Repeat the above tabular column for each table in your data model. If your use case has No SQL DB then Specify the name of the collection and the structure of your document where applicable.

1. ***Error Codes & Messages on various validation scenarios***

|  |  |  |
| --- | --- | --- |
| **Error Scenario** | **Error Code** | **Error Message** |
|  |  |  |
|  |  |  |
|  |  |  |

1. ***UI Wireframes***

*<<If you are able to provide view of how your UI would look like you can add here. Not mandatory>>*