**How to build an API**:

Before going into building an API, we need to know the terms of RAML (REST API modelling language).

RAML (Rest API Modeling Language) is based on YAML format, which is used to design REST APIs. RAML provides various features, including standardization, reusability, easy readability, and much more.

**Steps to build an API:**

1. Create an Anypoint Mule Soft Account

\* Create an Anypoint Mule Soft account and sign into the Anypoint Mule Soft platform.

2. Add a New API

\* First, go to API Manager

\* Click API Manager to reach the API Manager Screen. Then, click Add New API. Fill in the

details like API name and Version name. Description and API endpoint are optional.

\* After filling in these details, click Add.

3. Define the API

\* Next, click Define API in the API Designer.

\* We will be navigated to API Manager Designer, where we can start writing the RAML. We

can see the documentation on the right side, depending on the RAML we are writing.

\* On the left side, we can see the RAML file name. By default, the file name will be api.raml.

\* We can rename the RAML filename by right clicking on api.raml.

\* The extension of a RAML file is always .raml

\* We can see title and version have already been defined by default at the root level. Title and

\* Version will be the same, as we mentioned in Step 2. Now, we can start defining the RAML.

\* As we are writing the RAML, we can see the documentation being generated on the right

side of the screen.

4. Test the API from API Manager

\* We need to enable Mocking Service for testing the API. Once we will enable the mocking

service, then base URI will be added to the RAML.

\* After enabling the mocking service, we can test the REST API by clicking on any of the HTTP

methods on the right side of the screen.