App	Server

Potential Template		Potential Template

1 →

Potential Template Mapping

3

6

Regex	Regex

4

7

Template Type	Template Type

5

Template	Template

8 →

Financial Data	Financial Data

6

1. When the app receives a new potential template, it sends the potential template to server using the PotentialTemplate REST service.

2. The PotentialTemplate REST service, checks if it already exists in the server, if it does not, then it creates an entry. Finally, it adds an entry in to the PotentialTemplateMapping.

3. When the Admin checks the PotentialTemplate, it tries to convert it into a Template, and in the process it may need to add or modify a Regex.

4. When the Admin checks the PotentialTemplate, it tries to convert it into a Template, and in the process it may need to add a TemplateType.

5. When the Admin checks the PotentialTemplate, it converts it into a Template.

6. Once a PotentialTemplate is converted into a Template, it sends the Template along with any changes to Regex and TemplateType to all those, who have an entry in the PotentialTemplateMapping.

7. If there is a changes in Regex or TemplateType while converting a PotentialTemplate to a Template, then it needs to send a broadcast over a FCM Topic.

8. The app needs to regularly send new Financial Data to the server, using the FinancialData REST Service.

9. If the app is setup in a new system, then it can pull data from the server using the FinancialData REST service.