TECHNICAL GUIDE

RPM

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Chapter 1 Microservices

**Accounts service**

* The accounts service has list of endpoints for fetching account summary, contact summary and contact savoining APIs.

**Endpoints**

1. **/api/accounts/{accountId}**

* This endpoint takes an input of account Id as path parameter.
* The output of the endpoint would be the account summary.
* This would also include account related notes and tasks.

1. **accounts/addresses/{accountId}**

* This endpoint takes an input of account Id as path parameter.
* The output of the endpoint would be the account addresses.

1. **/account/accountContacts/{accountId}**

* This endpoint takes an input of account Id as path parameter.
* The output of the endpoint would be the contacts specific to the accounts.

1. **/api/accounts/contacts/updateContact**

* This endpoint takes a contact request as a request object and updates it to the database.
* The output is the contact summary.
* This is a POST operation

1. **api/contacts/{contactId}**

* This endpoint takes an input of contact Id as path parameter.
* The output of the endpoint would be the contact summary
* The summary also includes list of notes and tasks associated with the contacts.

1. **api/contacts/favorites**

* This endpoint takes an input of contact Id as path parameter.
* The output of the endpoint would be the list of favorite Contacts for the given userId.

1. **/contacts/addFavorite**

* This endpoint takes favoriteContact details in the request body .
* The output of the endpoint would be the favorite Contact added.

1. **/contacts/removeFavorite**

* This endpoint takes favoriteContact details in the request body .
* The output of the endpoint would be the favorite Contact removed.

1. **/contacts/addContact**

* This endpoint takes contact details in the request body.
* The output of the endpoint would be the Contact added.

1. **/contacts/deleteContact/{ContactId}**

* This endpoint takes contact Id in the path paramy.
* The output of the endpoint would be the Contact deleted.

**Gateway service**

The gateway service is started as a normal springboot application and doesn’t have any endpoints associated with this microservice.

The gateway also has configured the Redis cachewhich would store the responses of certain requests.

**Eureka server**

The Eureka server is started as a normal springboot application and doesn’t have any endpoints associated with this microservice.

The eureka server should be started first before any other springboot application.