

Cloud Assignment

TEAM - 9

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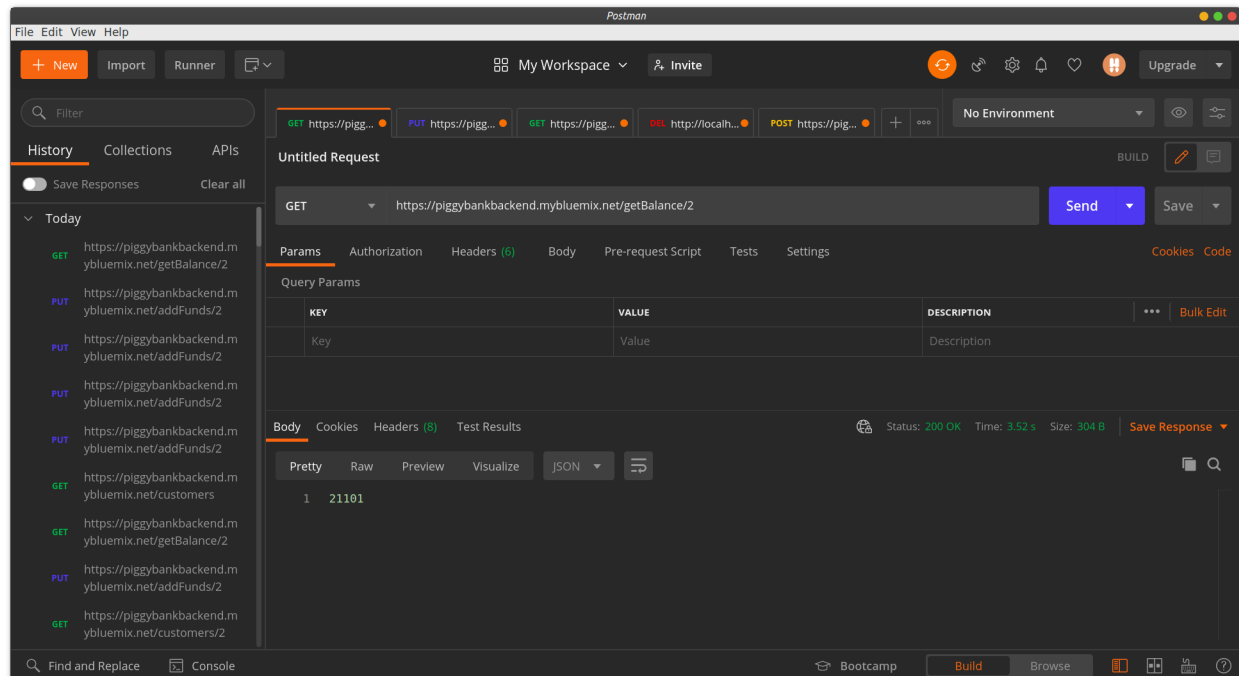
Website link : <https://piggy-bank-frontend.mybluemix.net/>

Login server : <https://piggybanklogins.mybluemix.net>

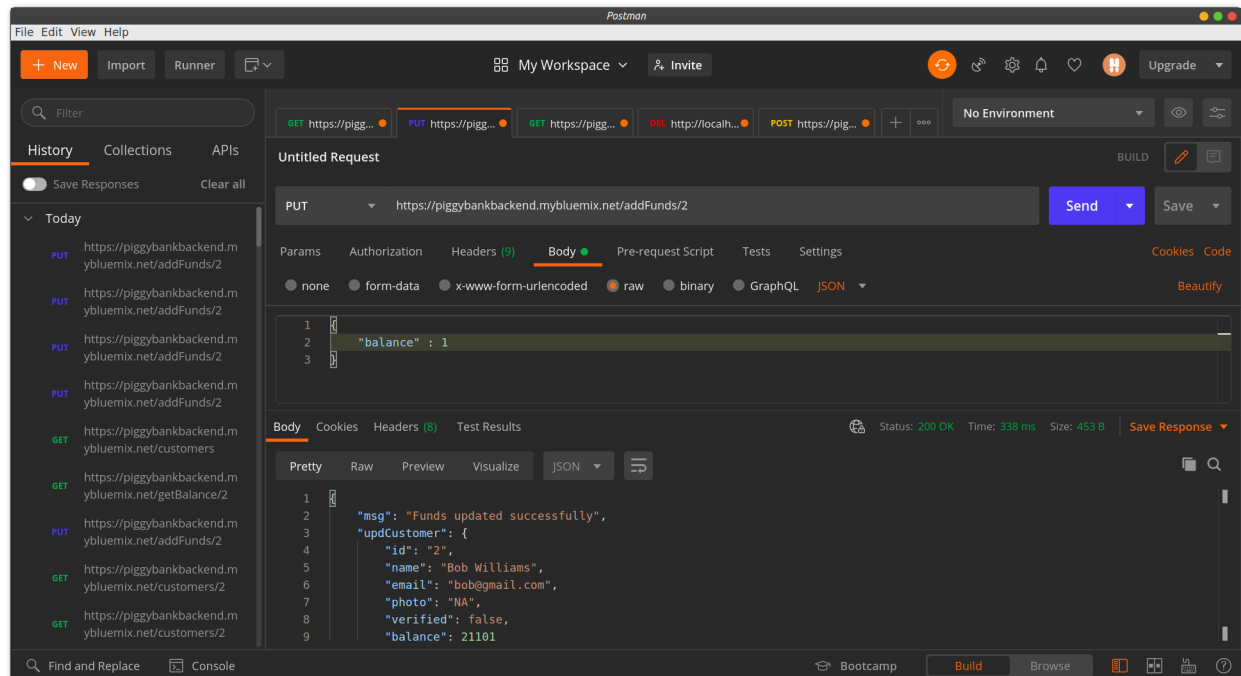
Backend server : <https://piggybankbackend.mybluemix.net/>

POSTMAN :

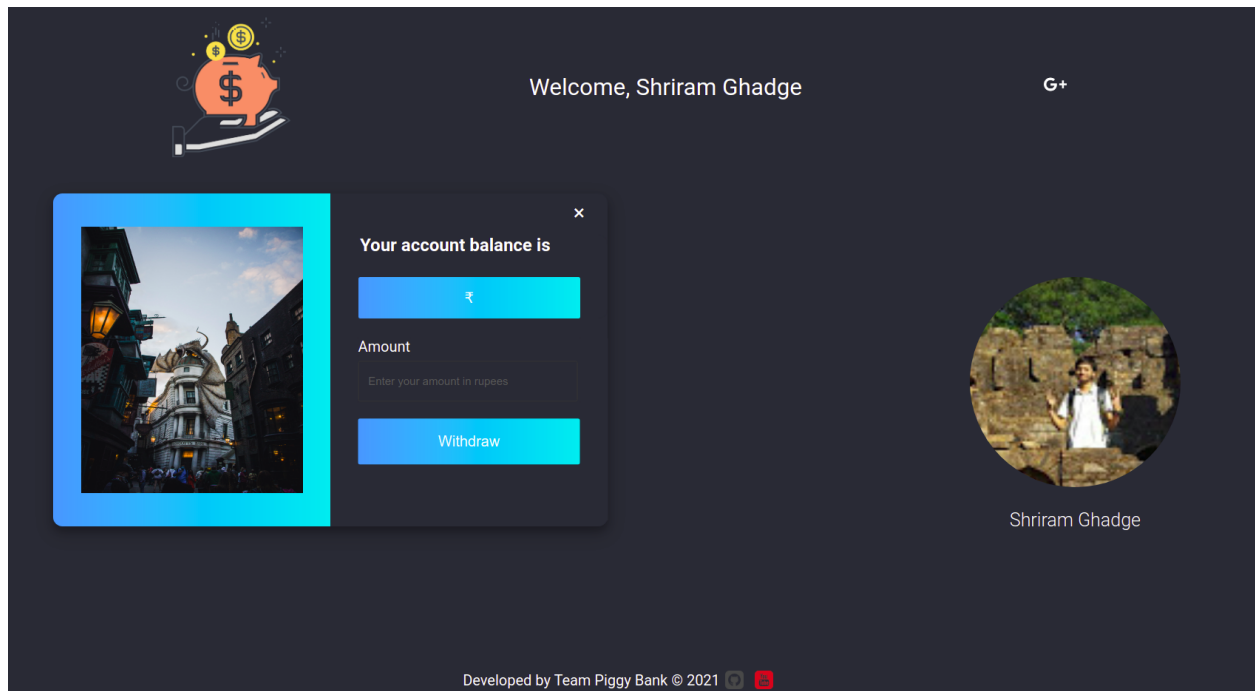
getBalance



addFunds



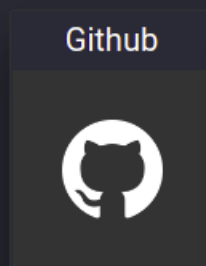
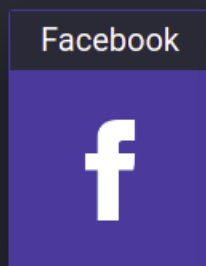
Screenshots of frontend :





Welcome to Piggy bank

Please Login to proceed



Developed by Team Piggy Bank © 2021



Cloud Function :

The screenshot shows the 'Create a Namespace' dialog box in the IBM Cloud Functions console. The dialog is titled 'Create a Namespace' and includes a close button (X) in the top right corner. It contains the following fields and options:

- Name:** A text input field containing 'PiggyBank'.
- Choose resource group:** A dropdown menu with 'Default' selected.
- Choose location to deploy in:** A dropdown menu with 'Dallas' selected.
- Description:** A text input field with the placeholder 'Add a description to your namespace'.
- Pricing Plan:** A section for selecting a pricing plan, currently empty.

At the bottom of the dialog, there are two buttons: 'Cancel' and 'Create'.

The screenshot shows the configuration page for a Cloud Function endpoint named 'redirecting/Redirect to google' in the 'PiggyBank(Dallas)' namespace. The page is divided into several sections:

- Code:** A section for managing the function's code.
- Parameters:** A section for managing function parameters.
- Runtime:** A section for managing the function's runtime environment.
- Endpoints:** The active section, showing the function's endpoints.

The 'Endpoints' section displays the following information:

- Web Action:** A checkbox labeled 'Enable as Web Action' is checked. Below it, a note states: 'Allow your Cloud Functions actions to handle HTTP events. Web Actions allow to control the response data and type by using a set of URL extensions, such as .json or .html. Learn more about Web Actions. Note: The Web Action URL below requires to return a dict object that contains a body property.' There is also an unchecked checkbox for 'Raw HTTP handling' with the note: 'When enabled your Action receives requests in plain text instead of a JSON body'.
- HTTP Method, Auth, URL Table:** A table showing the function's endpoints.

HTTP Method	Auth	URL
ANY	Public	https://us-south.functions.appdomain.cloud/api/v1/web/db8f6095-39ac-471d-8b39-1895ee9eb44a/redirecting/Redirect%20to%20google

Below the table, there is a section for the **REST API** endpoint:

HTTP Method	Auth	URL
POST	IAM TOKEN	https://us-south.functions.cloud.ibm.com/api/v1/namespaces/db8f6095-39ac-471d-8b39-1895ee9eb44a/actions/redirecting/Redirect%20to%20google

At the bottom, there is a **CURL** section with a text area containing the following command:

```
curl --request POST --url 'https://us-south.functions.cloud.ibm.com/api/v1/namespaces/db8f6095-39ac-471d-8b39-1895ee9eb44a/actions/redirecting/Redirect%20to%20google?blocking=true' --header 'accept: application/json' --header 'authorization: Bearer <IAM token>'
```