

# API Contracts

## Templates Page

1) Api to show all templates corresponding to the festival chosen.

API endpoint: /templates/show

Type: GET

Request Params:

- Query Param:
  - festival\_id(string): ID of the festival chosen in home page

Response:

- templates(List[TemplateObjects]): Each TemplateObject contains:
  - template\_id:(String)
  - icon:(byte String)

## Designing Wish Pages:

### 1) API to get list of images for each festival:

API Endpoint: /images/show

Type: GET

Request Params:

- Query Param:
  - festival\_id(string): ID of the festival chosen in home page

Response:

- images(List[ImageObject]): Each ImageObject contains:
  - image\_id:(String)
  - image\_data:(byte String)

### 2) API to upload image:

API Endpoint: /images/upload

Type: POST

Request Params:

- Body Param:
  - image\_data(byte String): Binary data of the image uploaded by the user

Response:

- image\_id(String): Newly generated ID for the string

## Preview Page:

1) API to hit when you need to show preview of template selected

API Endpoint: /template/details

Type: GET

Request Params:

- QueryParams:
  - template\_id(String)
  
- Response:
  - animation\_id(String)
  - image\_id(String)
  - message(String)
  - party\_effects\_id(String)

## Final Creation Page:

1) API to hit when create button is clicked

API Endpoint: /wish/create

Type: POST

Request Params:

- Body Params:
  - animation\_id(String)
  - image\_id(String)
  - message(String)
  - party\_effects\_id(String)
- Response:
  - url(String): Newly generated URL which can be shared with others

## **API Flows:**

**/templates/show**

- **Selects template:**  
    **template/details → wish/create**
  
- **Create from Scratch:**  
    **images/show → images/upload(Optional) → wish/create**