

1.0 Routing Table

1.1 Group Task

Method	Path	Purpose	Description	Example
GET	' '	Respond with AddCategoryComponent	Redirecting to /add-category	http://localhost:8081
GET	“***”	Respond with PageNotFoundComponent	Showing error page when invalid URL is entered	http://localhost:8081/dfsduh

1.1 Angular Routing Endpoints

1.1.2 Task Group 1

Name	Component	HTTP Method	Path Name	Purpose	Example
Create Categories	AddCategoryComponent	Post	/add-category	Insert New Category	localhost:8081/#/add-category
Get Categories	ListCategoryComponent	Get	/list-category	List All Categories	localhost:8081/#/list-category
Delete Categories	DeleteCategoryComponent	Delete	/delete-category	Delete Category and all referenced events	localhost:8081/#/delete-category
Update Categories	UpdateCategoryComponent	Put	/update-category	Update category name and description	localhost:8081/#/update-category
getCategoryDetails	DisplayCategoryComponent	Get	/display-category/:categoryId	Display category details	localhost:8081/#/display-category/CNO-1382
totalCounts	StatsComponent	Get	/stats	Display total number of events and categories.	localhost:8081/#/stats

speechBot Cont	SpeechBotComponent	Use	/speech-bot	Convert text to speech using socket.io	localhost:8081/#/speech-bot
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1.1.2 Task Group 2

Name	Component	HTTP Method	Path Name	Purpose	Example
Create Event	AddEventComponent	Post	/add-event	Insert New Event	localhost:8081/#/add-event
Get Event	ListEventsComponent	Get	/list- event	List All Event	localhost:8081/#/list-event
Delete Event	DeleteEventComponent	Delete	/delete-event	Delete Event and all referenced categories	localhost:8081/#/delete-event
Update Event	UpdateEventComponent	Put	/update-event	Update event name and capacity	localhost:8081/#/update-event
getEventDetails	ViewEventComponent	Get	/view-event/:eventId	View event details	localhost:8081/#/view-event/EGL-6539
Stats-g2	StatsG2Component	Get	/stats-g2	Display total create, delete and updates done for events and categories.	localhost:8081/#/stats-g2

translation-bot	TranslationBotComponent	Use	/translation-bot	Convert text to one of 3 languages using socket.io	localhost:8081/#/translation-bot
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3.0 Steps to run application.

Purpose:

The purpose of the application is to act as an event management application where you add categories of different events as well as individual events, to these categories.

When a category is made you add events to the category, ensure that the ID from the category is being used in the event you plan on making. To ensure a connection, this can be done by copying the category id and pasting it in the form when an event is created.

Base overview of the application:

Adding Category / Adding Event

Across the navigation bar, you can add categories and events respectfully by clicking onto the **add category and add event button** in the homepage and be directed to a form.

The image displays two screenshots of the Events Management Application (EMA) interface. The top row shows the application's header and navigation bar. The bottom row shows the 'Add Category' and 'Add Event' forms.

Events Management Application (EMA)
Powered by MonashApps

Add Category
Fill in category details and click submit

Add Event
Fill in event details & click submit

The 'Add Category' form includes fields for Name, Description, and Image. The 'Add Event' form includes fields for Name, Description, Image, Start Date Time, and Duration in Minutes.

List all categories/event

Once gotten data stored, full categories/ event list will be shown by clicking the “**List All Categories**”/ “**List All Events**” button in the homepage. Also, event counts can be shown in the category list whereas respective categories are shown in the event list.

Events Management Application (EMA)
Powered by MonashApps

Add Category

Category List

Update Category

Delete Category

Speech Bot

Stats G1

Stats G2

Translation Bot

Add Event



Event List

Delete Event

Update Event

Category List
Showing all category details

CATEGORY LIST

ID	Name	Description	Image	Created Date	Events Count	Actions
CPJ-1629	CATEGORY1	Water Themed		12/10/2023 8:49AM	2	Details
CNO-1362	CATEGORY2	Disneyland		12/10/2023 8:49AM	0	Details

Events Management Application (EMA)
Powered by MonashApps

Add Category

Category List

Update Category

Delete Category

Speech Bot

Stats G1

Stats G2

Translation Bot

Add Event

Event List

Delete Event

Update Event

Event List
Showing all event details

EVENT LIST

ID	Name	Start	Duration	Is Active	Capacity	Tickets Available	Categories	Actions
EKU-6870	EVENT1	05/10/2023 11:53AM	5 hours 34 minutes	<input checked="" type="checkbox"/>	44	33	<div>CPJ-1629</div>	View
EKK-4606	EVENT2	20/10/2023 12:54PM	9 hours 15 minutes	<input checked="" type="checkbox"/>	66	33	<div>CPJ-1629</div>	View

Update Category/Event

Add CategoryCategory ListUpdate CategoryDelete CategorySpeech BotStats G1Stats G2Translation BotAdd EventEvent ListDelete EventUpdate Event

Update CategoryUpdate selected category

Name:

Categories

Description:



Water Themed

Image:

Uploads/profiles.png

Submit Changes



UPDATE CATEGORY

Id	Name	Description	Image	Created Date	Events Count	Actions
CP9-1629	Categories1	Water Themed		12/10/2023 8:48AM	2	<div>Update</div>
CNO-1382	Category2	Disneyland		12/10/2023 8:49AM	0	<div>Update</div>

Add CategoryCategory ListUpdate CategoryDelete CategorySpeech BotStats G1Stats G2Translation BotAdd EventEvent ListDelete EventUpdate Event

Update EventUpdate selected event

UPDATE EVENT

Id	Name	Image	Created Date	Actions
EWI-9115	SDF		07/10/2023 9:00PM	<div>Update</div>
ECF-8530	SDFSDF		22/10/2023 9:06PM	<div>Update</div>

details for that particular event/category will be shown in a form and users can update the details accordingly.

After clicking the “Update category/Update Event” button on the navigation bar, current

Category detail page

After clicking the “**View**” **action button** on the category list, response should be a page containing all category details for that particular category. The event details referenced for that category will be shown as well.

Events Management Application (EMA)
Powered by MonashApps

Add Category

Category List

Update Category

Delete Category

Speech Bot

Stats G1

Stats G2

Translation Bot

Add Event

Event List

Delete Event

Update Event

CATEGORY PAGE

Category Detail:
Category2

Category ID: CNO-1382

Name: CATEGORV2

Description: Disneyland

Created Date Time: 2023-10-11T21:49:21.917Z

Id	Name	Start	Duration	Is Active	Capacity	Tickets Available	Categories	Actions
EXA-3074	AAA	13/10/2023 9:41AM	0 hours 55 minutes	<input checked="" type="checkbox"/>	45	55	CNO-1382	View

Event detail page

After clicking the “**View**” **action button** on the event list, response should be a page containing all event details for that particular category.

Powered by monashapps

Add Category

Category List

Update Category

Delete Category

Speech Bot

Stats G1

Stats G2

Translation Bot

Add Event

Event List

Delete Event

Update Event

EVENT PAGE

Searched Event ID: EIX-3322

Event Id:

EIX-3322

Event Name:

Drake

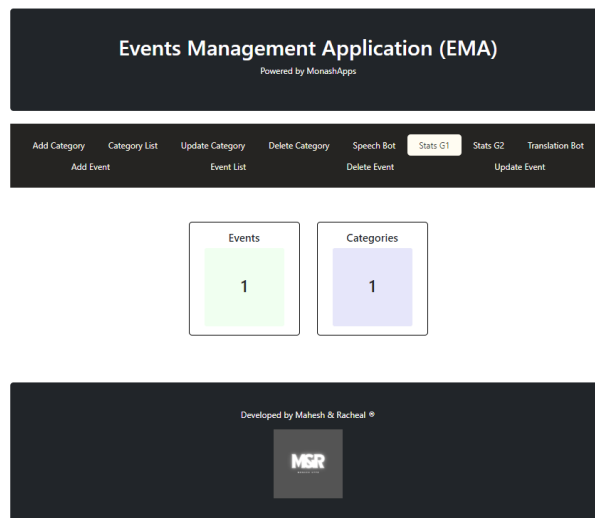
Event Description

drake concert

Start Date Time:

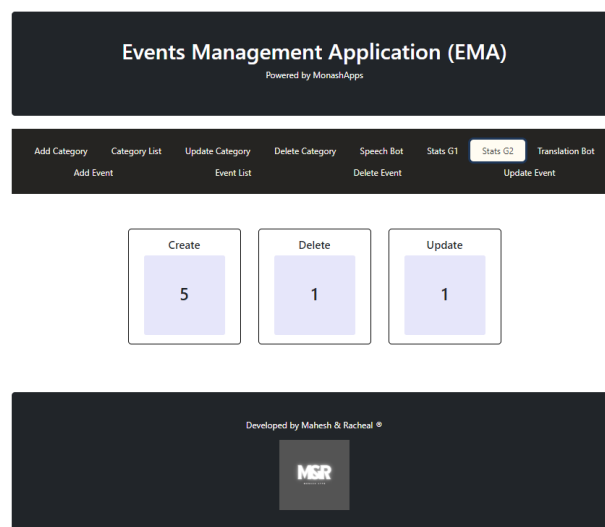
Stats G1

After clicking the “**Stats G1**” button on the navigation bar, it shows the statistics of events and categories. It lists the number of events and categories that are currently in the database.



Stats G2

After clicking the “**Stats G2**” button on the navigation bar, it shows the statistics of operations that happened on the database. It lists the number of create, update and delete operations on the database.



Text to speech feature

After clicking the speech bot button, it shows page that is able to convert the text to speech once play button is clicked.

Events Management Application (EMA)
Powered by MonashApps

Add Category

Category List

Update Category

Delete Category

Speech Bot

Stats G1

Stats G2

Translation Bot

Add Event

Event List

Delete Event

Update Event

Convert Text to Speech

Key in text to convert to speech

Enter Text:

Enter Text

Play

Translation feature

After clicking the translation bot button, it shows page that is able to translates to one of three languages of your choice from the text entered.

Add Event

Event List

Delete Event

Update Event

Translate Text

Enter text to translate

Select Target Language:

Chinese

Enter Text to Translate:

Hello

Translate

Translation Result

Text Entered:	Hello
Target Language:	zh-CN
Translation:	你好