Subject Management Micro-service

Sep 20, 2021

Developer

**Harsh Mange**

[Technologies](#_b4bv3jvxymtj) **1**

[Technologies](#_fo71fwoffayg) **1**

[External packages](#_gfryu1m8a5pi) **1**

[REST APIs](#_87iu1gnnb3oo) **2**

[Class Diagram](#_axk8zvn7ljf2) **3**

[Database Model Snapshot](#_h8c4liaud7xt) **4**

[Staff](#_vycywo5efe7i) 4

[Subject](#_rdiuu87z8r3a) 4

[Output Snapshots](#_mrrg4ms1giy5) **5**

## Languages

HTML

CSS

JavaScript

## Technologies

Node.Js

MongoDB

Express.Js

## External packages

‘Body-parser’, ‘dateformat’

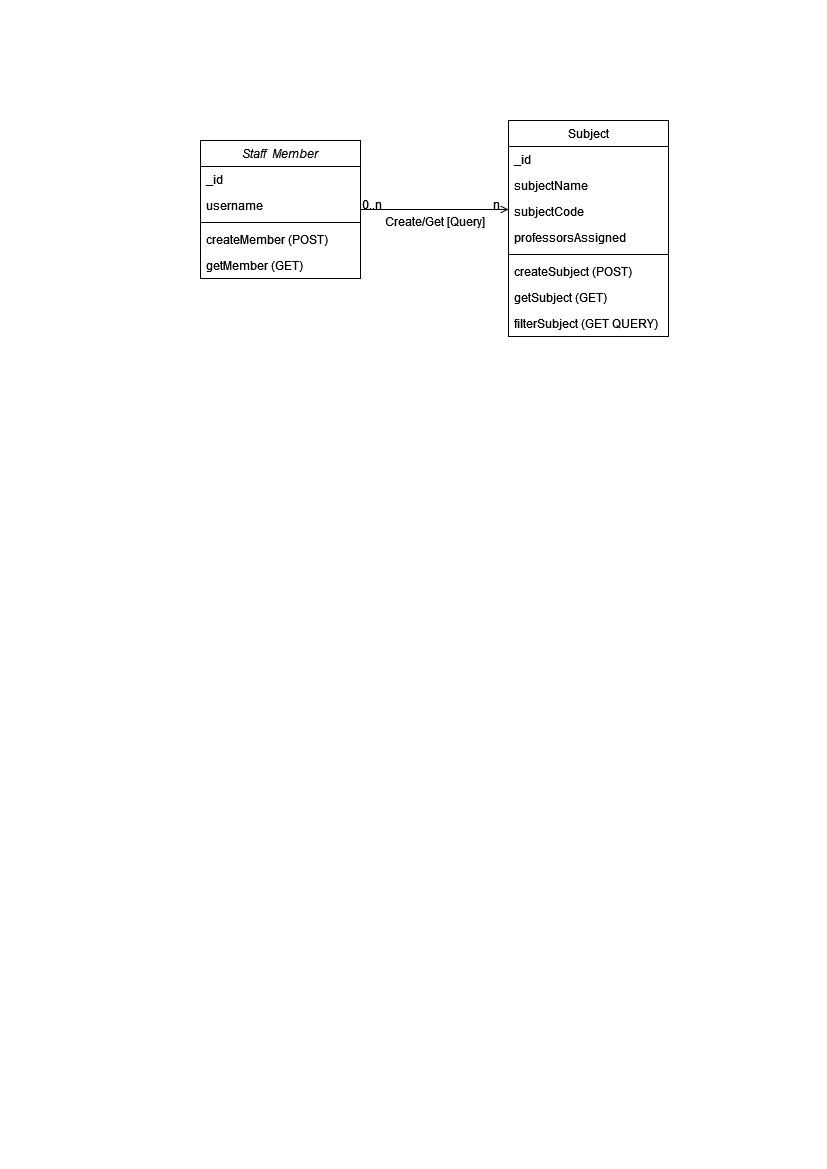
## REST APIs

* Create Staff Member: POST /api/staffmembers (Parse info using body-parser)
* Create Subject: POST /api/staffmembers/:username/subjects (Parse info using body-parser)
* Get Subject with queries: GET /api/staffmembers/:\_id?[sub\_name][&sub\_code][&prof\_name]

**[ ]** = optional & **sub\_name** = subject name **sub\_code** = subject code **prof\_name** = professor name

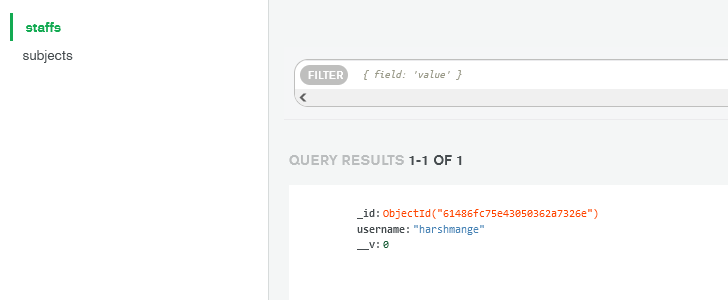
I.e./api/staffmembers/harshmange?prof\_name=ABCD&sub\_code=MAT100

## Class Diagram



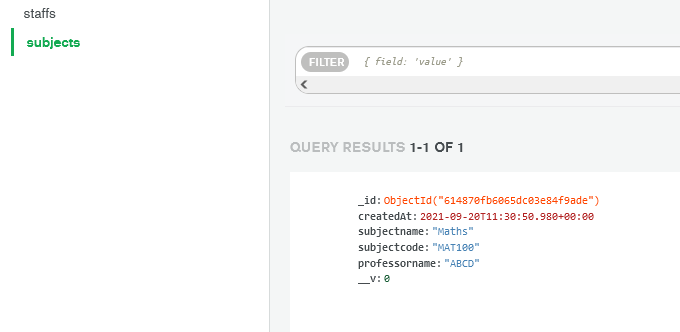
## Database Model Snapshot

### Staff

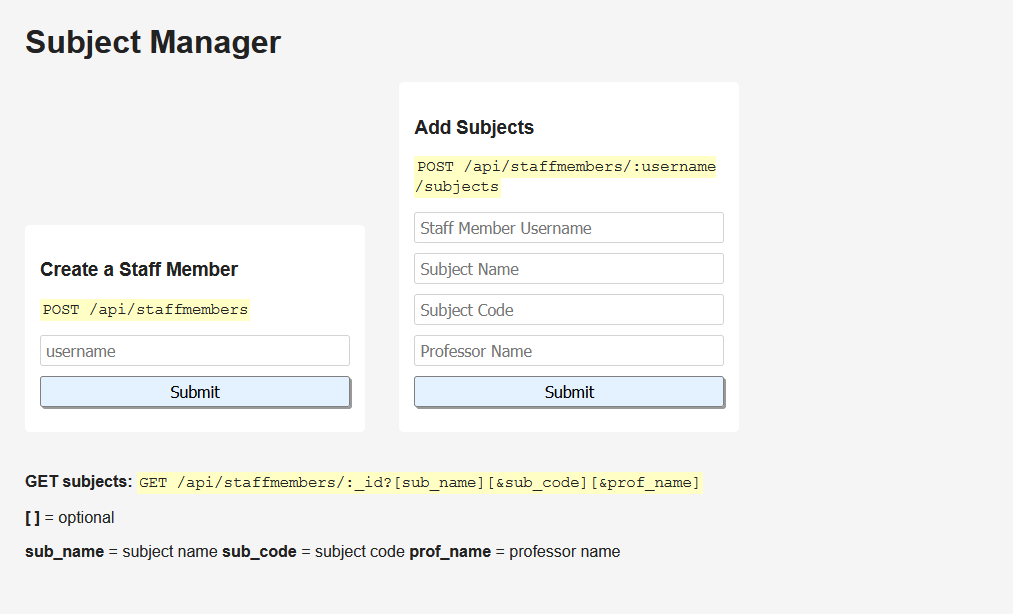


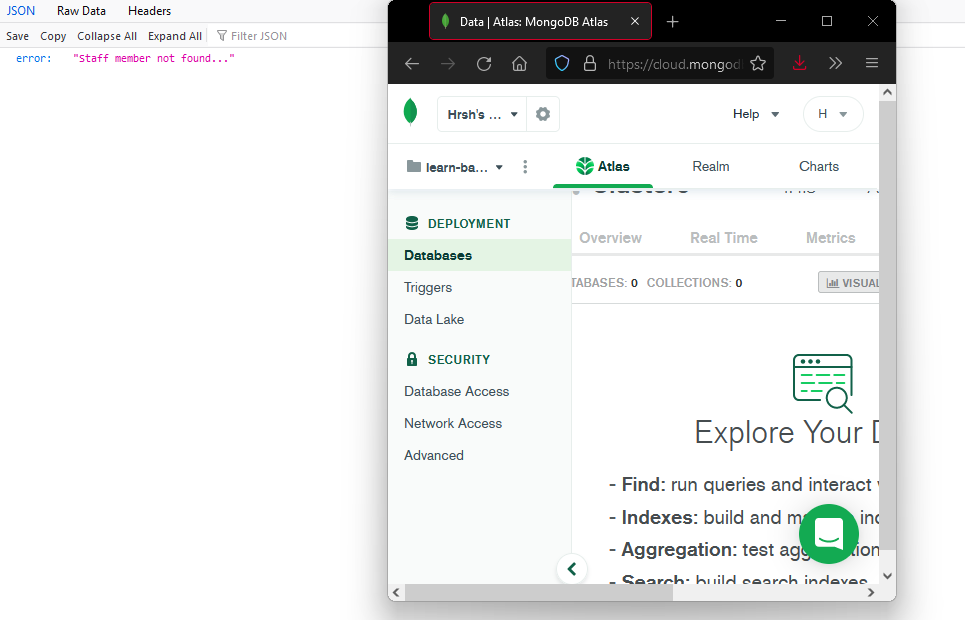
### 

### Subject

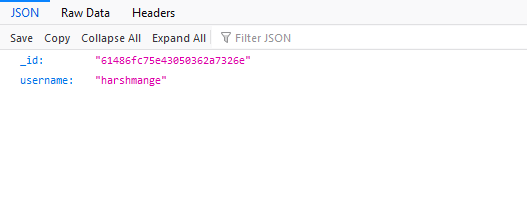


## Output Snapshots

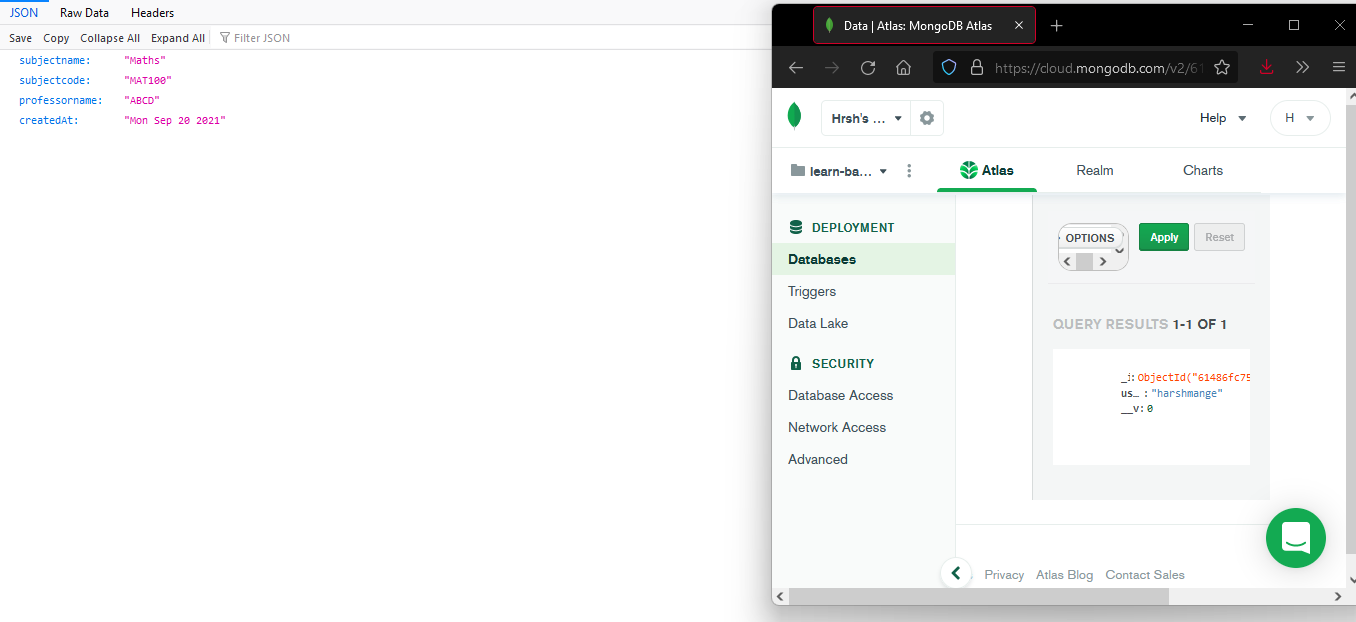
1. **Homepage**
2. **Staff auth not found**

****

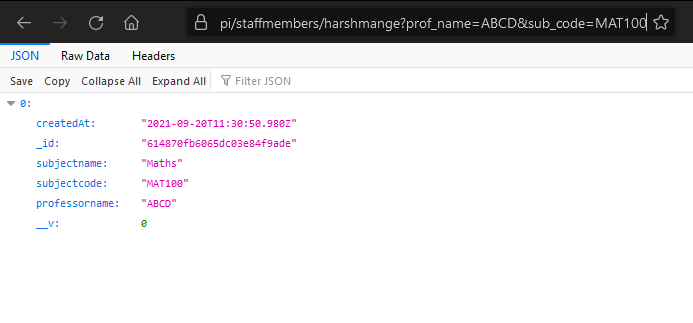
1. **Staff member created**

****

1. **Staff auth found subject created**

****

1. **Get subject by sub name & prof name**

****