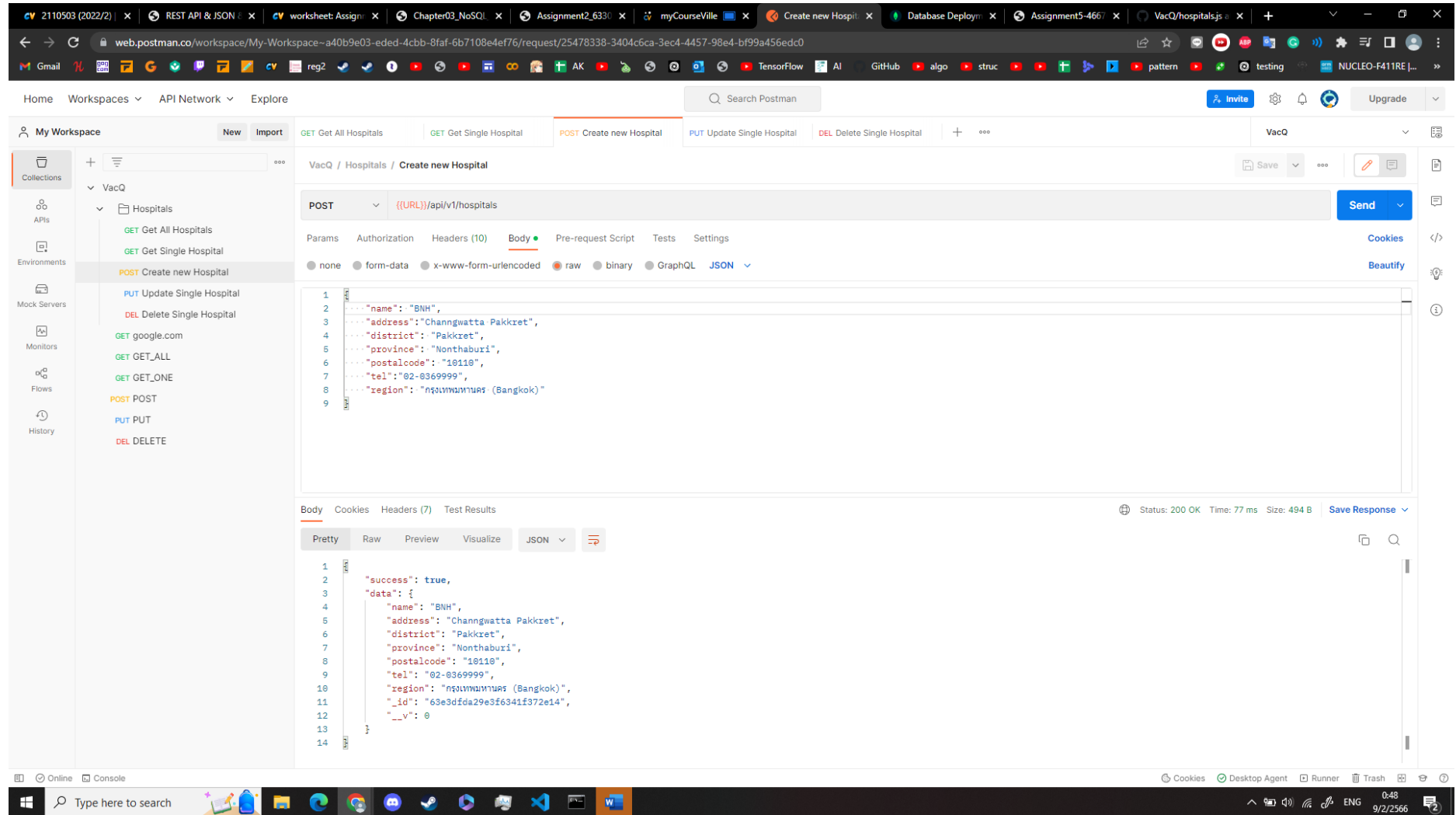


https://github.com/SirapoomL/2110503_2022_2_SW_DEV_PRAC_VACQ

1. Capture Postman Screen, including all REST requests listed in the Hospital folder & showing DELETE request details. (example in Chapter07.01 Slide#7) Please include your computer date/time in all captured pictures.



Capture Postman & MongoDB Atlas screens after submitting the following request

1 Get_All

The screenshot shows the Postman application interface. The top bar displays the URL: `web.postman.co/workspace/My-Workspace~a40b9e03-eded-4cbb-8faf-6b7108e4ef76/request/25478338-04351512-a0f7-4e5f-a6d4-8f7a12ae4d48`. The left sidebar shows the 'My Workspace' collection with a 'Hospitals' folder containing several requests, including 'GET All Hospitals' which is currently selected.

The main panel shows the details of the 'GET All Hospitals' request. The method is 'GET' and the URL is `{{URL}}/api/v1/hospitals`. The 'Query Params' section is empty. The 'Body' tab is selected, showing a JSON response in 'Pretty' format:

```
1 {
2   "success": true,
3   "count": 1,
4   "data": [
5     {
6       "_id": "63e9061ca1161a6335c825",
7       "name": "BNH",
8       "address": "Changwatta Pakkret",
9       "district": "Pakkret",
10      "province": "Nonthaburi",
11      "postalcode": "10110",
12      "tel": "02-0369999",
13      "region": "กรุงเทพมหานคร (Bangkok)",
14      "__v": 0
15    }
16  ]
17 }
```

The status bar at the bottom indicates 'Status: 200 OK', 'Time: 52 ms', and 'Size: 506 B'. The Windows taskbar at the very bottom shows the system clock as 1:26 on 9/2/2566.

2110503 (2022/2) | myCourseV...worksheet: Assignment#4 RESTAssignment_4_REST_API_63305...REST API & JSON & Testingworksheet: Assignment#5 RESTGet All Hospitals - My Workspa...Data | Cloud: MongoDB Cloud

cloud.mongodb.com/v2/63c901b59c05fb6ca5b12a95#/metrics/replicaSet/63e3d002136aa06f3fc550cc/explorer/VacQ/hospitals/find

Gmailreg2TensorFlowAIGitHubalgotstrucpatterntestingNUCLEO-F411RE

Atlas2110322_Dat...Access ManagerBillingAll ClustersGet HelpSirapoom

SWPracticeData ServicesApp ServicesCharts

DEPLOYMENTDatabaseData LakePREVIEWSERVICESTriggersData APIData FederationSECURITYDatabase AccessNetwork AccessAdvancedGoto

2110322_DATABASE_SYSTEMS > SWPRACTICE > DATABASESVacQCluster5.0.14AWS Singapore (ap-southeast-1)

OverviewReal TimeMetricsCollectionsSearchProfilerPerformance AdvisorOnline ArchiveCmd Line Tools

DATABASES: 1COLLECTIONS: 1+ Create DatabaseSearch NamespacesVacQhospitals

VacQ.hospitalsSTORAGE SIZE: 24KBLOGICAL DATA SIZE: 229BTOTAL DOCUMENTS: 1INDEXES TOTAL SIZE: 48KBFindIndexesSchema Anti-PatternsAggregationSearch IndexesINSERT DOCUMENT

FILTER { field: 'value' }OPTIONSApplyReset

QUERY RESULTS: 1-1 OF 1

```
_id: ObjectId('63e3e9061ca1161a6335c825')
name: "BMH"
address: "Changngwatta Pakkret"
district: "Pakkret"
province: "Nonthaburi"
postalcode: "10110"
tel: "02-0369999"
region: "กรุงเทพมหานคร (Bangkok)"
__v: 0
```

Type here to search9/2/2566

2 Get_One

The screenshot shows the Postman interface with a GET request to the endpoint `[[URL]]/api/v1/hospitals/63e3e9061ca1161a6335c825`. The request is successful, returning a 200 OK status with a response time of 76 ms and a size of 494 B.

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

```
1  {
2    "success": true,
3    "data": {
4      "_id": "63e3e9061ca1161a6335c825",
5      "name": "BNH",
6      "address": "Channgwatta Pakkret",
7      "district": "Pakkret",
8      "province": "Nonthaburi",
9      "postalcode": "10110",
10     "tel": "02-0369999",
11     "region": "กรุงเทพมหานคร (Bangkok)",
12     "__v": 0
13   }
14 }
```

The bottom of the image shows the Windows taskbar with the search bar and various application icons. The system clock indicates the time is 1:26 on 9/2/2566 (Buddhist Era).

2110503 (2022/2) | myCourseV...worksheet: Assignment#4 RESTAssignment_4_REST_API_63305...REST API & JSON & Testingworksheet: Assignment#5 RESTGet Single Hospital - My WorksData | Cloud: MongoDB Cloud

cloud.mongodb.com/v2/63c901b59c05fb6ca5b12a95#/metrics/replicaSet/63e3d002136aa06f3fc550cc/explorer/VacQ/hospitals/find

Gmailreg2TensorFlowAIGitHubalgotstrucpatterntestingNUCLEO-F411RE

Atlas2110322_Dat...Access ManagerBilling

All ClustersGet HelpSirapoom

SWPracticeData ServicesApp ServicesCharts

DEPLOYMENTDatabaseData LakePREVIEWSERVICESTriggersData APIData FederationSECURITYDatabase AccessNetwork AccessAdvancedGoto

2110322_DATABASE_SYSTEMS > SWPRACTICE > DATABASESVacQCluster5.0.14AWS Singapore (ap-southeast-1)

OverviewReal TimeMetricsCollectionsSearchProfilerPerformance AdvisorOnline ArchiveCmd Line Tools

DATABASES: 1COLLECTIONS: 1

+ Create DatabaseSearch Namespaces

VacQhospitals

VacQ.hospitalsSTORAGE SIZE: 24KB LOGICAL DATA SIZE: 229B TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 48KBFindIndexesSchema Anti-PatternsAggregationSearch Indexes

INSERT DOCUMENT

FILTER { field: 'value' }OPTIONSApplyReset

QUERY RESULTS: 1-1 OF 1

```
{
  "_id": ObjectId('63e3e9061ca1161a6335c825'),
  "name": "BMH",
  "address": "Changngwatta Pakkret",
  "district": "Pakkret",
  "province": "Nonthaburi",
  "postalcode": "10110",
  "tel": "02-0369999",
  "region": "กรุงเทพมหานคร (Bangkok)",
  "__v": 0
}
```

Type here to search9/2/2566

3 Post

The screenshot displays the Postman web interface in a browser. The top navigation bar includes links for Home, Workspaces, API Network, and Explore, along with a search bar and utility buttons like Invite, Upgrade, and a dropdown menu. The main workspace is titled "My Workspace" and contains a collection named "VacQ" with a sub-collection "Hospitals". The selected request is a POST method to the endpoint "api/v1/hospitals". The request body is a JSON object with the following fields: name, address, district, province, postalcode, tel, and region. The response is displayed in the "Body" tab, showing a successful status (201 Created) and a JSON object with success, data, and _id fields. The interface also shows a sidebar with various toolbars and a bottom status bar with system information.

Home Workspaces API Network Explore Search Postman Invite Upgrade

My Workspace New Import GET Get All Hospitals GET Get Single Hospital POST Create new Hospital PUT Update Single Hospital DEL Delete Single Hospital VacQ

VacQ / Hospitals / Create new Hospital Save

POST ((URL))/api/v1/hospitals Send Cookies Beautify

Params Authorization Headers (10) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "name": "BNH",
3   "address": "Channgwatta Pakkret",
4   "district": "Pakkret",
5   "province": "Nonthaburi",
6   "postalcode": "10110",
7   "tel": "02-0369999",
8   "region": "กรุงเทพมหานคร (Bangkok)"
9 }
```

Body Cookies Headers (7) Test Results Status: 201 Created Time: 72 ms Size: 499 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "data": {
4     "name": "BNH",
5     "address": "Channgwatta Pakkret",
6     "district": "Pakkret",
7     "province": "Nonthaburi",
8     "postalcode": "10110",
9     "tel": "02-0369999",
10    "region": "กรุงเทพมหานคร (Bangkok)",
11    "_id": "63e3e9061ca1161a6335c825",
12    "__v": 0
13  }
14 }
```

Online Console Cookies Desktop Agent Runner Trash 1:25 9/2/2566

2110503 (2022/2) | myCourseV...worksheet: Assignment#4 RESTAssignment_4_REST_API_63305...REST API & JSON & Testingworksheet: Assignment#5 RESTCreate new Hospital - My Work...Data | Cloud: MongoDB Cloud

cloud.mongodb.com/v2/63c901b59c05fb6ca5b12a95#/metrics/replicaSet/63e3d002136aa06f3fc550cc/explorer/VacQ/hospitals/find

Gmailreg2TensorFlowAIGitHubalgotstrucpatterntestingNUCLEO-F411RE

Atlas2110322_Dat...Access ManagerBillingAll ClustersGet HelpSirapoom

SWPracticeData ServicesApp ServicesCharts

DEPLOYMENTDatabaseData LakePREVIEWSERVICESTriggersData APIData FederationSECURITYDatabase AccessNetwork AccessAdvancedGoto

2110322_DATABASE_SYSTEMS > SWPRACTICE > DATABASESVacQCluster5.0.14AWS Singapore (ap-southeast-1)

OverviewReal TimeMetricsCollectionsSearchProfilerPerformance AdvisorOnline ArchiveCmd Line Tools

DATABASES: 1 COLLECTIONS: 1

+ Create DatabaseSearch Namespaces

VacQhospitals

+ Create Database

VacQCluster

STORAGE SIZE: 36KB LOGICAL DATA SIZE: 229B TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 72KB

FindIndexesSchema Anti-PatternsAggregationSearch Indexes

INSERT DOCUMENT

FILTER { field: 'value' } OPTIONS Apply Reset

QUERY RESULTS: 1-1 OF 1

```
{
  "_id": ObjectId('63e3e9061ca1161a6335c825'),
  "name": "BMH",
  "address": "Channgwatta Pakkret",
  "district": "Pakkret",
  "province": "Nonthaburi",
  "postalcode": "10110",
  "tel": "02-0369999",
  "region": "กรุงเทพมหานคร (Bangkok)",
  "__v": 0
}
```

Type here to search9/2/25661:26

4 Put

The screenshot displays the Postman web interface in a browser. The top navigation bar includes links for Home, Workspaces, API Network, and Explore, along with a search bar and utility buttons like 'Invite', 'Upgrade', and 'Send'. The main workspace is titled 'My Workspace' and contains a collection named 'VacQ' with a sub-collection 'Hospitals'. The 'Hospitals' sub-collection lists several endpoints, including 'PUT Update Single Hospital', which is currently selected. The request configuration shows a PUT method to the URL '((URL))/api/v1/hospitals/63e3e9061ca1161a6335c825'. The request body is set to 'raw' and contains a JSON object:

```
{  "name": "World Medical"}
```

. The response section at the bottom shows a status of 200 OK, a time of 59 ms, and a size of 504 B. The response body is displayed in 'Pretty' format as a JSON object:

```
{  "success": true,  "data": {    "_id": "63e3e9061ca1161a6335c825",    "name": "World Medical",    "address": "Channgwatta Pakkret",    "district": "Pakkret",    "province": "Nonthaburi",    "postalcode": "10110",    "tel": "02-0369999",    "region": "กรุงเทพมหานคร (Bangkok)",    "__v": 0  }  }
```


2110503 (2022/2) | myCourseV...worksheet: Assignment#4 RESTAssignment_4_REST_API_63305...REST API & JSON & Testingworksheet: Assignment#5 RESTUpdate Single Hospital - My W...Data | Cloud: MongoDB Cloud

cloud.mongodb.com/v2/63c901b59c05fb6ca5b12a95#/metrics/replicaSet/63e3d002136aa06f3fc550cc/explorer/VacQ/hospitals/find

Gmailreg2TensorFlowAIGitHubalgotstrucpatterntestingNUCLEO-F411RE

Atlas2110322_Dat...Access ManagerBillingAll ClustersGet HelpSirapoom

SWPracticeData ServicesApp ServicesCharts

DEPLOYMENTDatabaseData LakePREVIEWSERVICESTriggersData APIData FederationSECURITYDatabase AccessNetwork AccessAdvancedGoto

2110322_DATABASE_SYSTEMS > SWPRACTICE > DATABASESVacQCluster5.0.14AWS Singapore (ap-southeast-1)

OverviewReal TimeMetricsCollectionsSearchProfilerPerformance AdvisorOnline ArchiveCmd Line Tools

DATABASES: 1COLLECTIONS: 1+ Create DatabaseSearch NamespacesVacQhospitals

VacQ.hospitalsSTORAGE SIZE: 36KB LOGICAL DATA SIZE: 239B TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 60KBFindIndexesSchema Anti-PatternsAggregationSearch IndexesINSERT DOCUMENT

FILTER { field: 'value' }OPTIONSApplyReset

QUERY RESULTS: 1-1 OF 1

```
_id: ObjectId('63e3e9061ca1161a6335c825')
name: "World Medical"
address: "Channgwatta Pakkret"
district: "Pakkret"
province: "Nonthaburi"
postalcode: "10110"
tel: "02-0369999"
region: "กรุงเทพมหานคร (Bangkok)"
__v: 0
```

Type here to search9/2/2566

5 Delete

The screenshot shows the Postman application interface. The top bar displays the URL: `web.postman.co/workspace/My-Workspace~a40b9e03-eded-4cbb-8faf-6b7108e4ef76/request/25478338-74b8c37a-f307-4f02-8478-0b29e924caa9`. The left sidebar shows the 'My Workspace' collection with a 'Hospitals' folder containing several requests. The 'DELETE Single Hospital' request is selected. The main panel shows the request details for the DELETE method, with the URL `{{URL}}/api/v1/hospitals/63e3e9061ca1161a6335c825`. The 'Params' tab is active, showing a table with columns 'KEY', 'VALUE', and 'DESCRIPTION'. The 'Body' tab is also visible, showing a JSON response: `{ "success": true, "data": {} }`. The status bar at the bottom indicates 'Status: 200 OK', 'Time: 55 ms', and 'Size: 261 B'.

Home Workspaces API Network Explore Search Postman

My Workspace New Import GET Get All Hospitals GET Get Single Hospital POST Create new Hospital PUT Update Single Hospital DEL Delete Single Hospital

VacQ / Hospitals / Delete Single Hospital Save Send

DELETE {{URL}}/api/v1/hospitals/63e3e9061ca1161a6335c825

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (7) Test Results Status: 200 OK Time: 55 ms Size: 261 B Save Response

Pretty Raw Preview Visualize JSON

```
1 1
2 2 "success": true,
3 3 "data": {}
4 4
```

2110503 (2022/2) | myCourseV... x worksheet: Assignment#4 REST x Assignment_4_REST_API_63305 x REST API & JSON & Testing x worksheet: Assignment#5 REST x Delete Single Hospital - My Wo x Data | Cloud: MongoDB Cloud x +

cloud.mongodb.com/v2/63c901b59c05fb6ca5b12a95#/metrics/replicaSet/63e3d002136aa06f3fc550cc/explorer/VacQ/hospitals/find

Gmail N PDF.com G D V PDF.com CV reg2 T YouTube S YouTube S YouTube S YouTube S YouTube S TensorFlow AI GitHub algo struc NUCLEO-F411RE

Atlas 2110322_Dat... Access Manager Billing All Clusters Get Help Sirapoom

SWPractice Data Services App Services Charts

DEPLOYMENT Database Data Lake PREVIEW SERVICES Triggers Data API Data Federation SECURITY Database Access Network Access Advanced Goto

2110322_DATABASE_SYSTEMS > SWPRACTICE > DATABASES

VacQCluster VERSION 5.0.14 REGION AWS Singapore (ap-southeast-1)

Overview Real Time Metrics Collections Search Profiler Performance Advisor Online Archive Cmd Line Tools

DATABASES: 1 COLLECTIONS: 1

+ Create Database

Search Namespaces

VacQ hospitals

VacQ.hospitals STORAGE SIZE: 36KB LOGICAL DATA SIZE: 0B TOTAL DOCUMENTS: 0 INDEXES TOTAL SIZE: 60KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

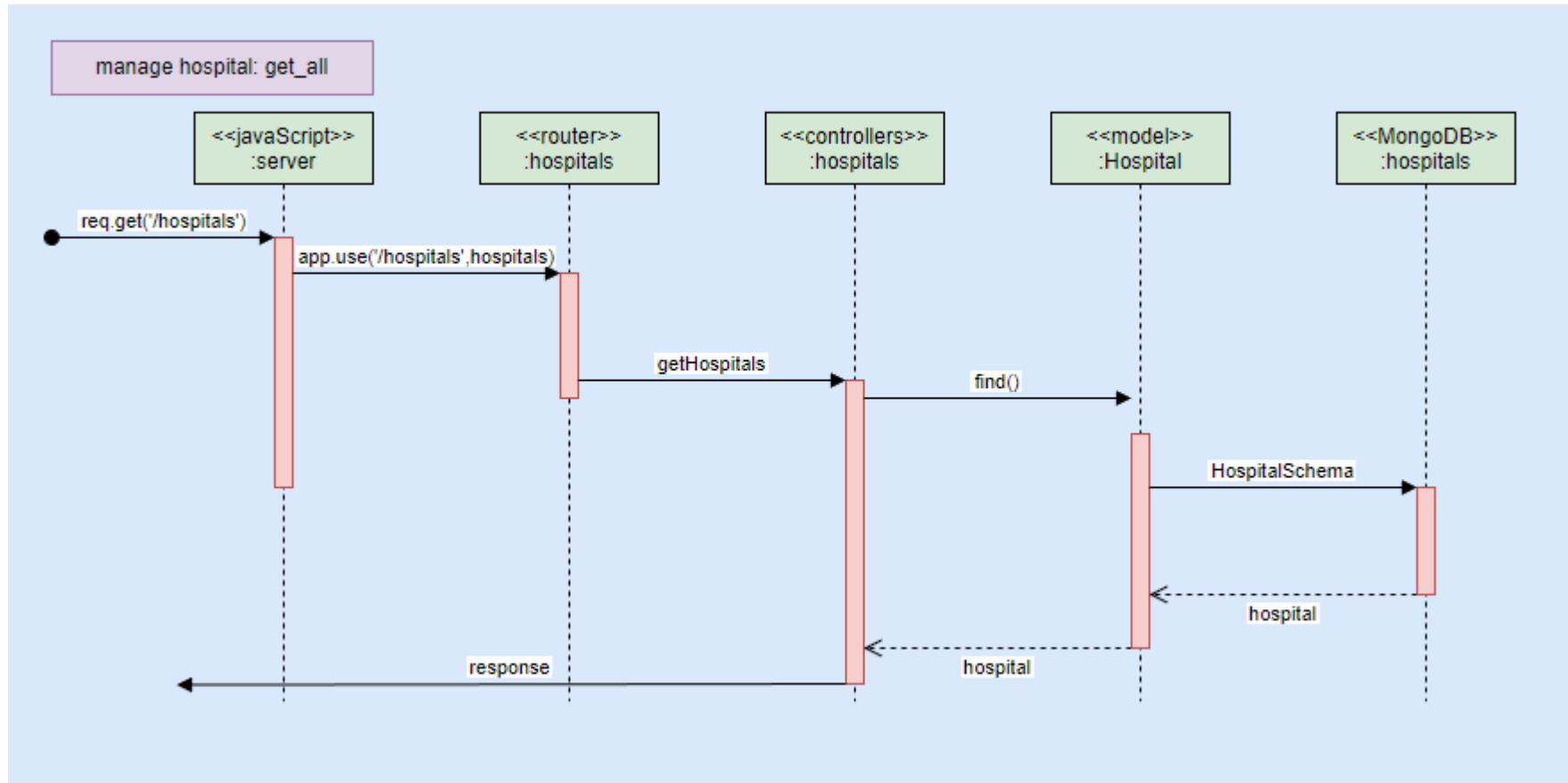
INSERT DOCUMENT

FILTER { field: "value" } OPTIONS Apply Reset

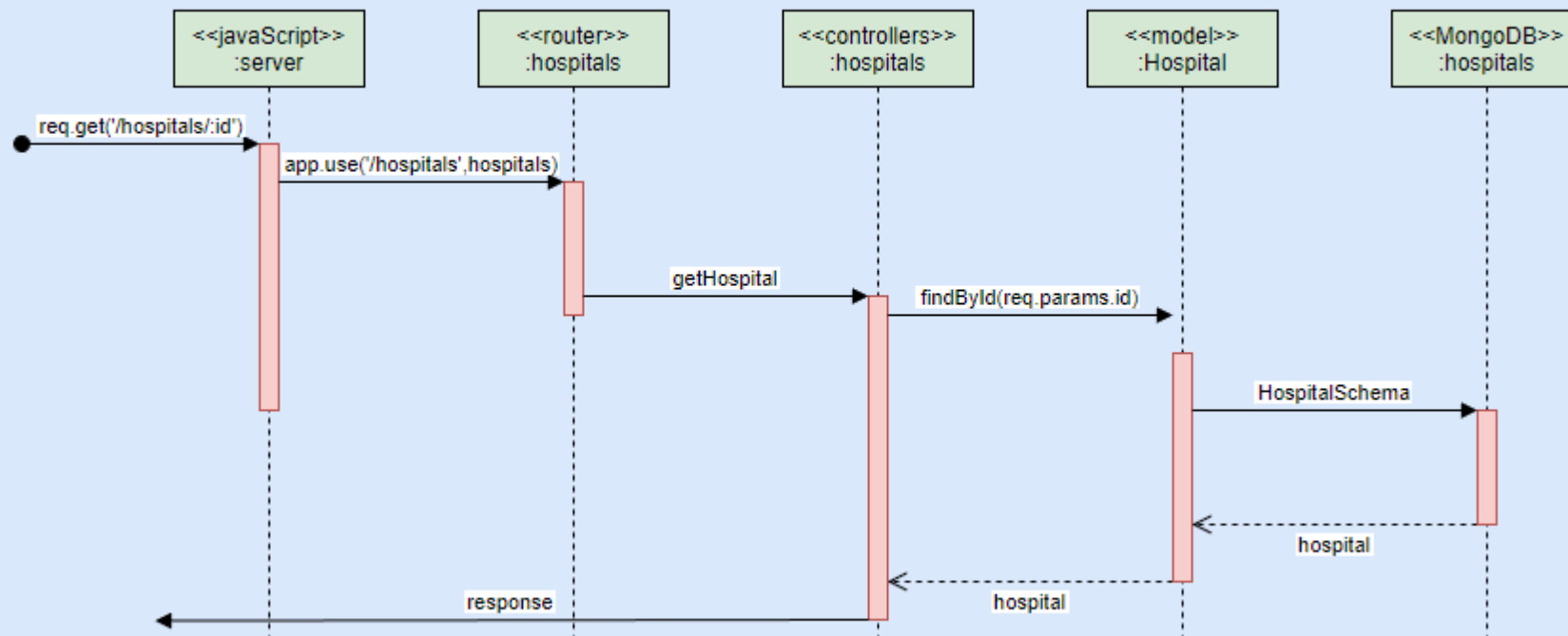
QUERY RESULTS: 0

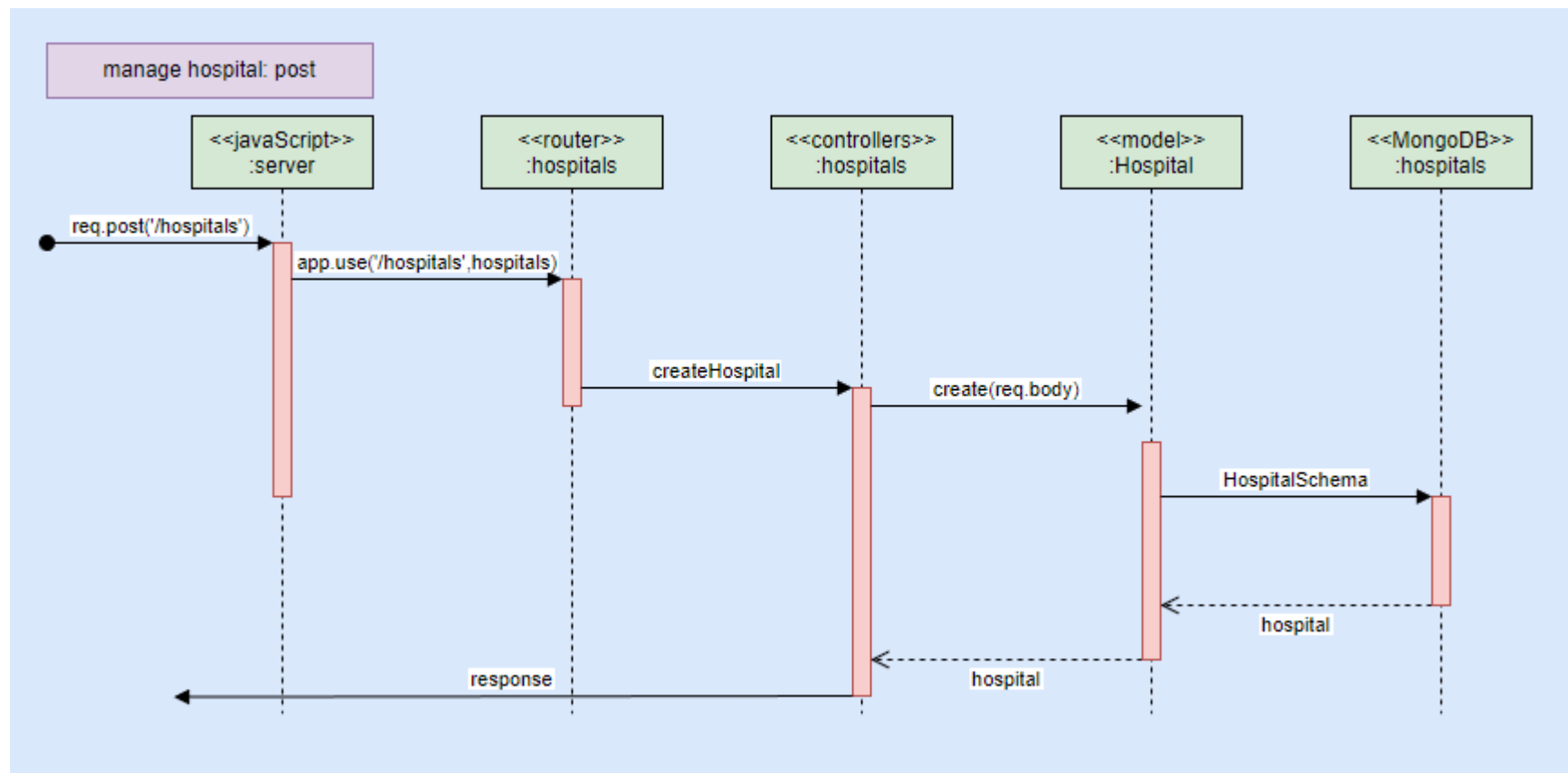
Type here to search 1:28 9/2/2566

1. Correct your Sequence Diagram from Assignment#4,i.e. calling model, and put it in your Assignment#5.

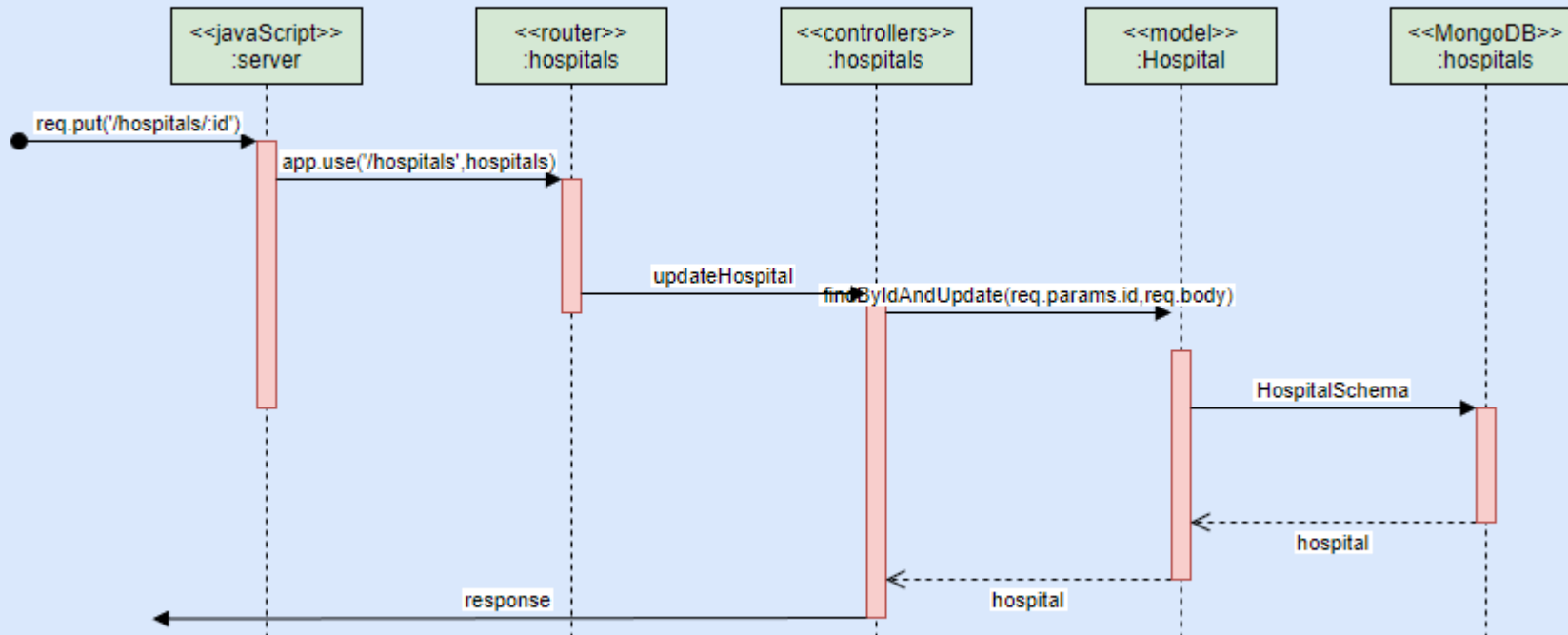


manage hospital: get_one

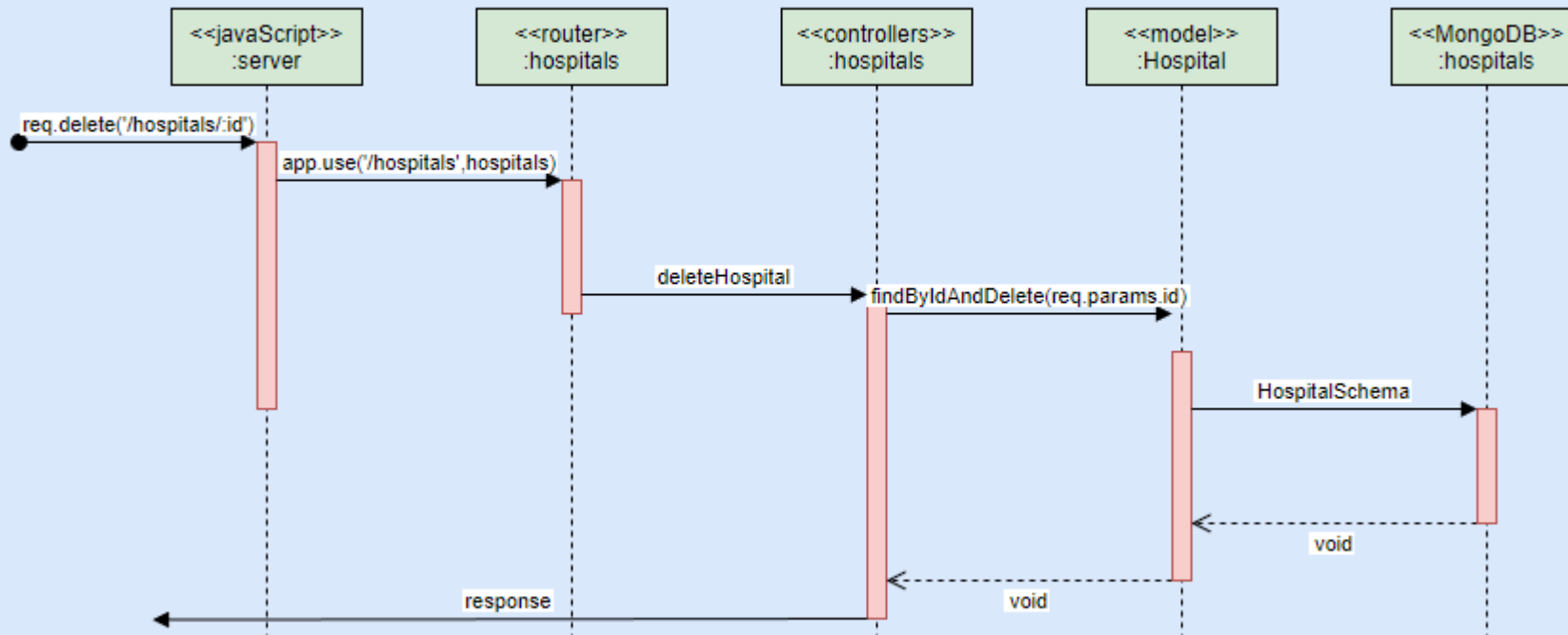




manage hospital: put



manage hospital: delete



1. How many minutes did you take for this assignment? How is the course so far? Any suggestions?

200 minutes

ตอนแรกงงๆ ตอนนี่เพิ่มเข้าใจมากขึ้นหลังจากนำหลายๆส่วนมาใช้งานร่วมกัน

2. submit your project's code:
 1. zip your code files into one zip file, excluding the node_modules folder.
 2. upload your zip file here.
 3. (or place your GitHub link of your project in your pdf file.)

https://github.com/SirapoomL/2110503_2022_2_SW_DEV_PRAC_VACQ