**House Keeper Scheduling System:**

**Services:**

|  |
| --- |
| Services Name |
| Admin |
| User |
| Worker |
| CleanRequest |
| Feedback |

**MySql:**

|  |  |  |  |
| --- | --- | --- | --- |
| Table Name | Columns | Primary Key | Foreign keys |
| admin | admin\_id, hostel, password, username | admin\_id | - |
| user | rollnumber, hostel, password, room | rollnumber | - |
| worker | worker\_id, floor, hostel, name | worker\_id | - |
| feedback | feedback\_id, feedback, request\_id, rollnumber | feedback\_id | cleanrequest(request\_id), student(rollnumber) |
| Cleanrequest | request\_id,clean\_time,date,feedback\_status,req\_status,rollnumber,worker\_id | request\_id | student(rollnumber), worker(worker\_id) |

**Admin:**

CREATE TABLE `admin` (

`admin\_id` int NOT NULL AUTO\_INCREMENT,

`hostel` varchar(255) DEFAULT NULL,

`password` varchar(255) DEFAULT NULL,

`username` varchar(255) DEFAULT NULL,

PRIMARY KEY (`admin\_id`)

)

**User:**

CREATE TABLE `student` (

`rollnumber` bigint NOT NULL,

`floor` int NOT NULL,

`hostel` varchar(255) DEFAULT NULL,

`password` varchar(255) DEFAULT NULL,

`room` varchar(255) DEFAULT NULL,

PRIMARY KEY (`rollnumber`)

)

**Worker:**

CREATE TABLE `worker` (

`worker\_id` bigint NOT NULL AUTO\_INCREMENT,

`floor` int NOT NULL,

`hostel` varchar(255) DEFAULT NULL,

`name` varchar(255) DEFAULT NULL,

PRIMARY KEY (`worker\_id`)

)

**Clean request:**

CREATE TABLE `clean\_request` (

`request\_id` bigint NOT NULL AUTO\_INCREMENT,

`clean\_time` time DEFAULT NULL,

`date` date DEFAULT NULL,

`feedback\_status` bit(1) NOT NULL,

`req\_status` bit(1) NOT NULL,

`rollnumber` bigint DEFAULT NULL,

`worker\_id` bigint DEFAULT NULL,

PRIMARY KEY (`request\_id`),

KEY `FK47xo5vv6uu6wh6cauwq03f51k` (`rollnumber`),

KEY `FKf0q0yidj1oes6yg82se2qbdf3` (`worker\_id`),

CONSTRAINT `FK47xo5vv6uu6wh6cauwq03f51k` FOREIGN KEY (`rollnumber`) REFERENCES `student` (`rollnumber`),

CONSTRAINT `FKf0q0yidj1oes6yg82se2qbdf3` FOREIGN KEY (`worker\_id`) REFERENCES `worker` (`worker\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

**Feedback:**

CREATE TABLE `feedback` (

`feedback\_id` bigint NOT NULL AUTO\_INCREMENT,

`feedback` varchar(3000) DEFAULT NULL,

`request\_id` bigint DEFAULT NULL,

`rollnumber` bigint DEFAULT NULL,

PRIMARY KEY (`feedback\_id`),

KEY `FK96upbmjce91hbagr6030dy3ny` (`request\_id`),

KEY `FK2257spm361ysobt3ecj8d5vry` (`rollnumber`),

CONSTRAINT `FK2257spm361ysobt3ecj8d5vry` FOREIGN KEY (`rollnumber`) REFERENCES `student` (`rollnumber`),

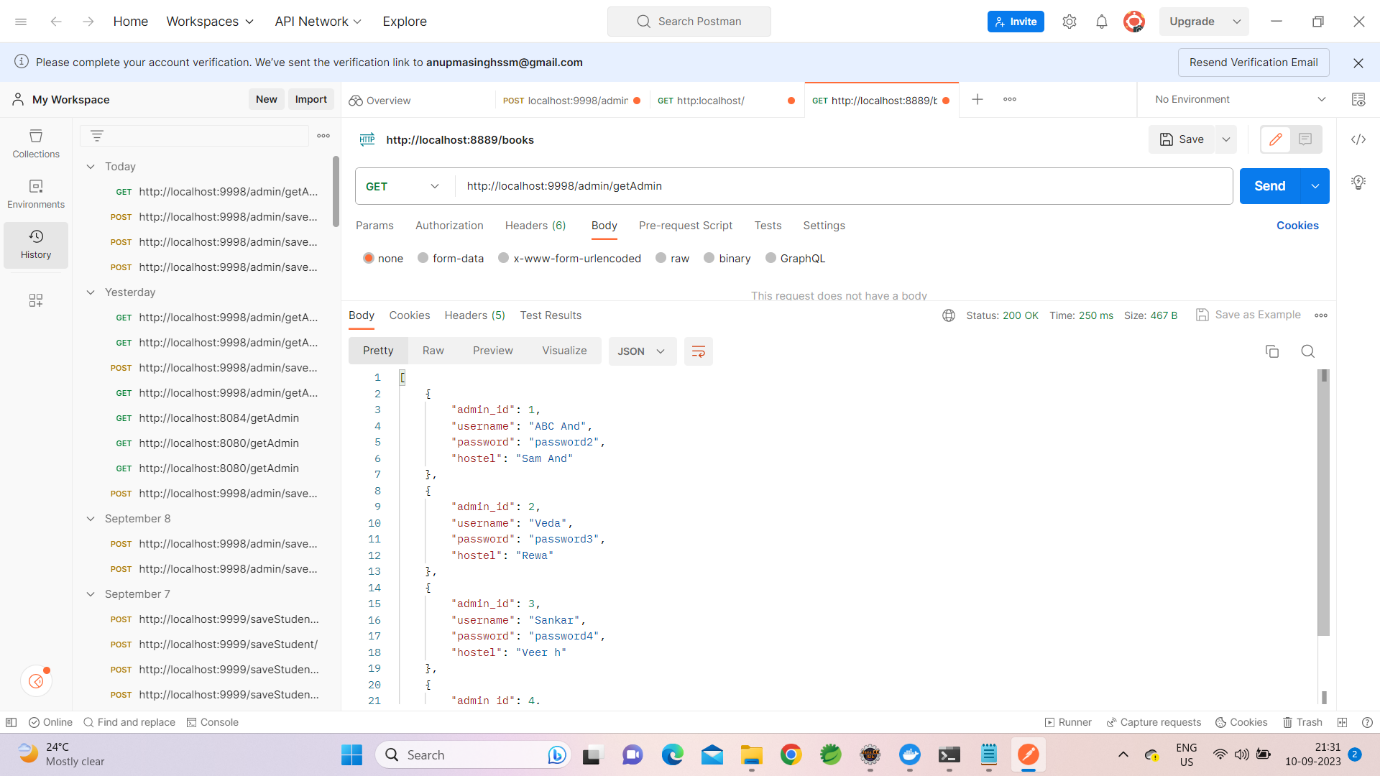
CONSTRAINT `FK96upbmjce91hbagr6030dy3ny` FOREIGN KEY (`request\_id`) REFERENCES `clean\_request` (`request\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

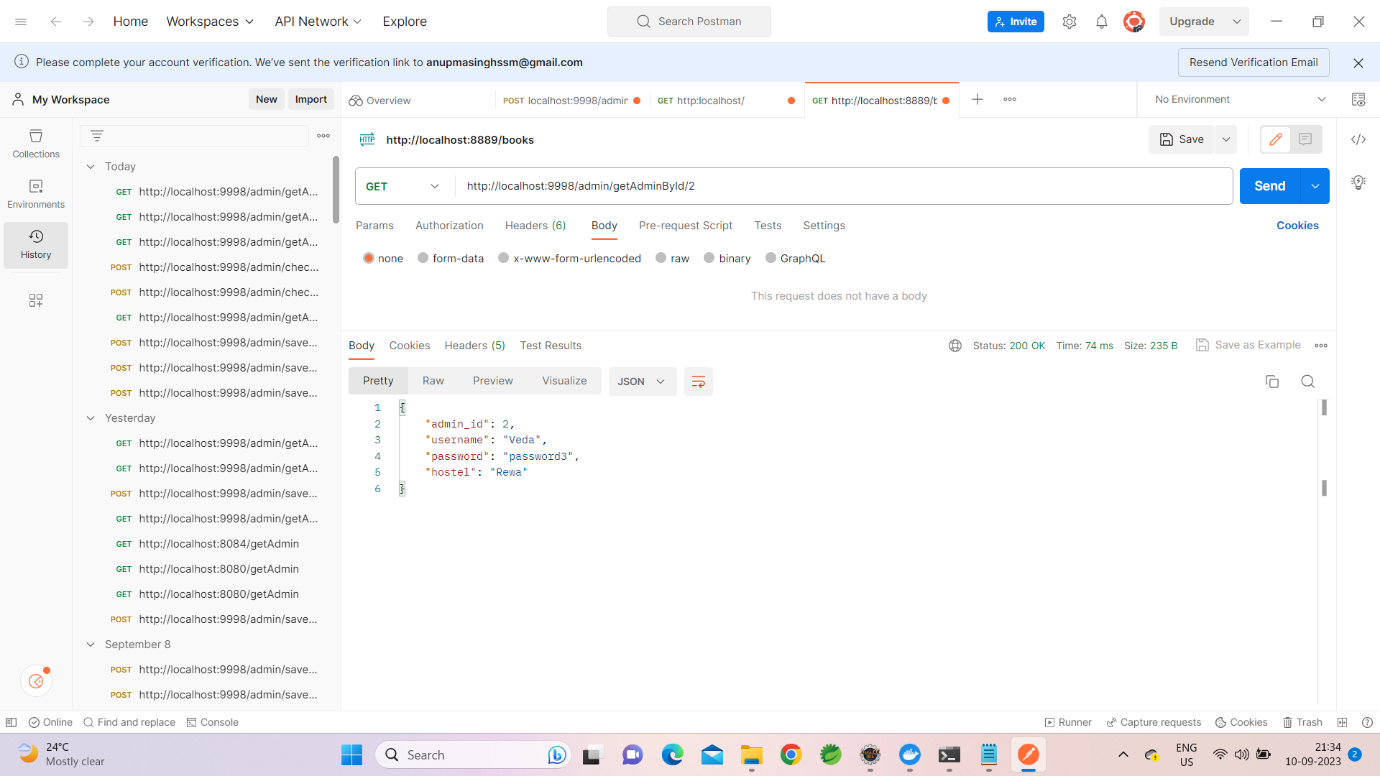
**Postman Screenshots:**

**Admin:**

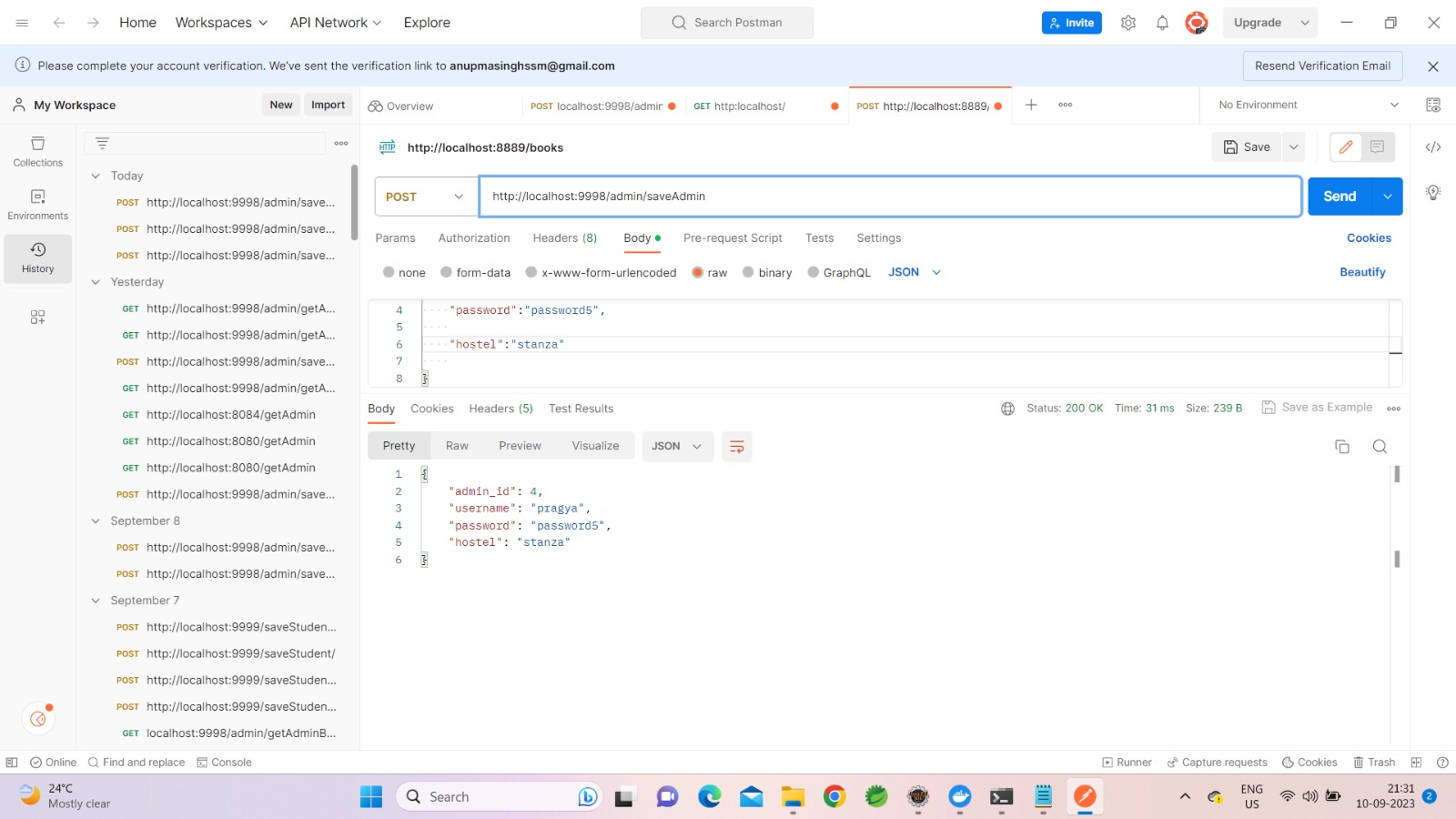
**getAdmin:**



**getAdminById:**

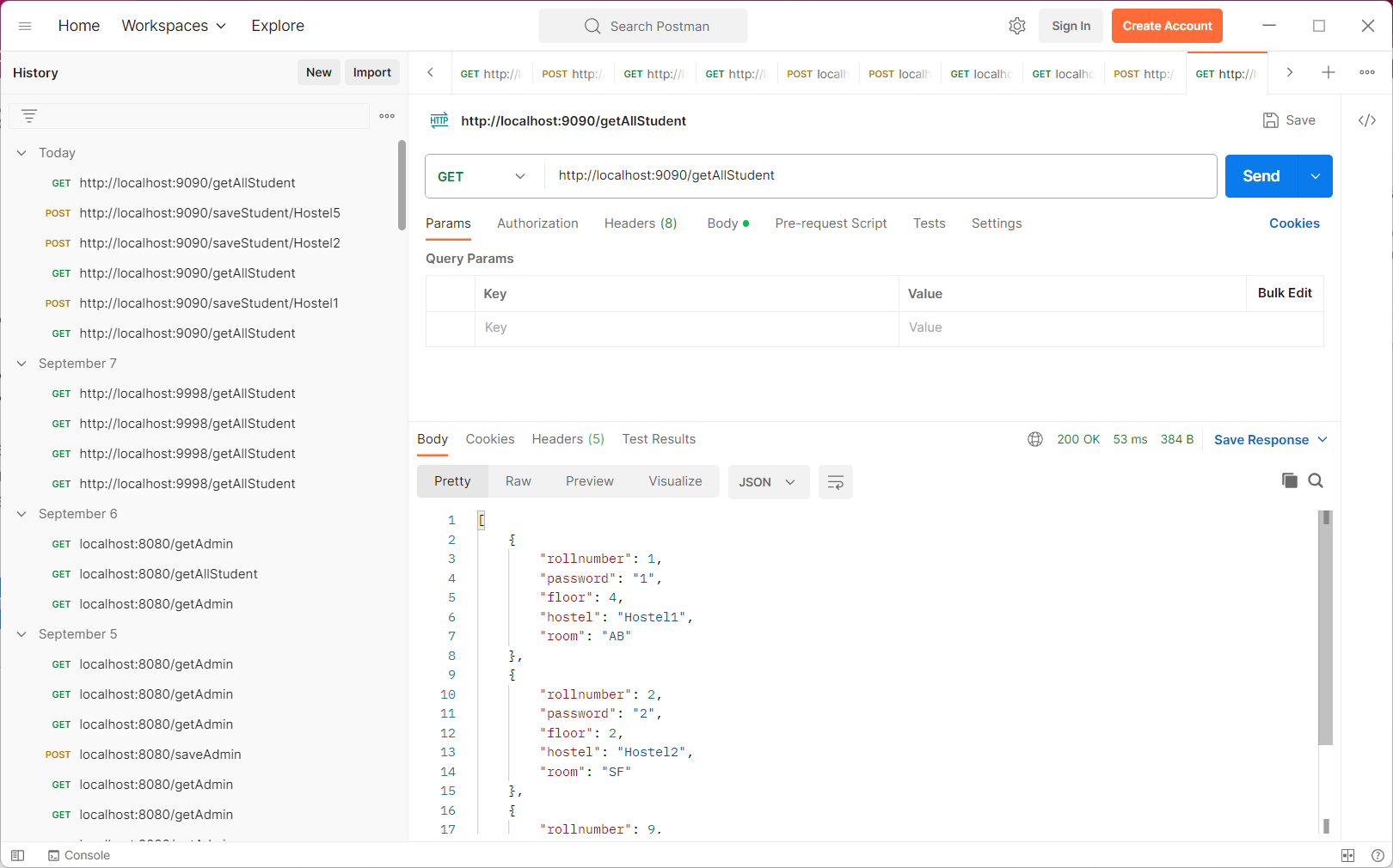


**saveAdmin:**

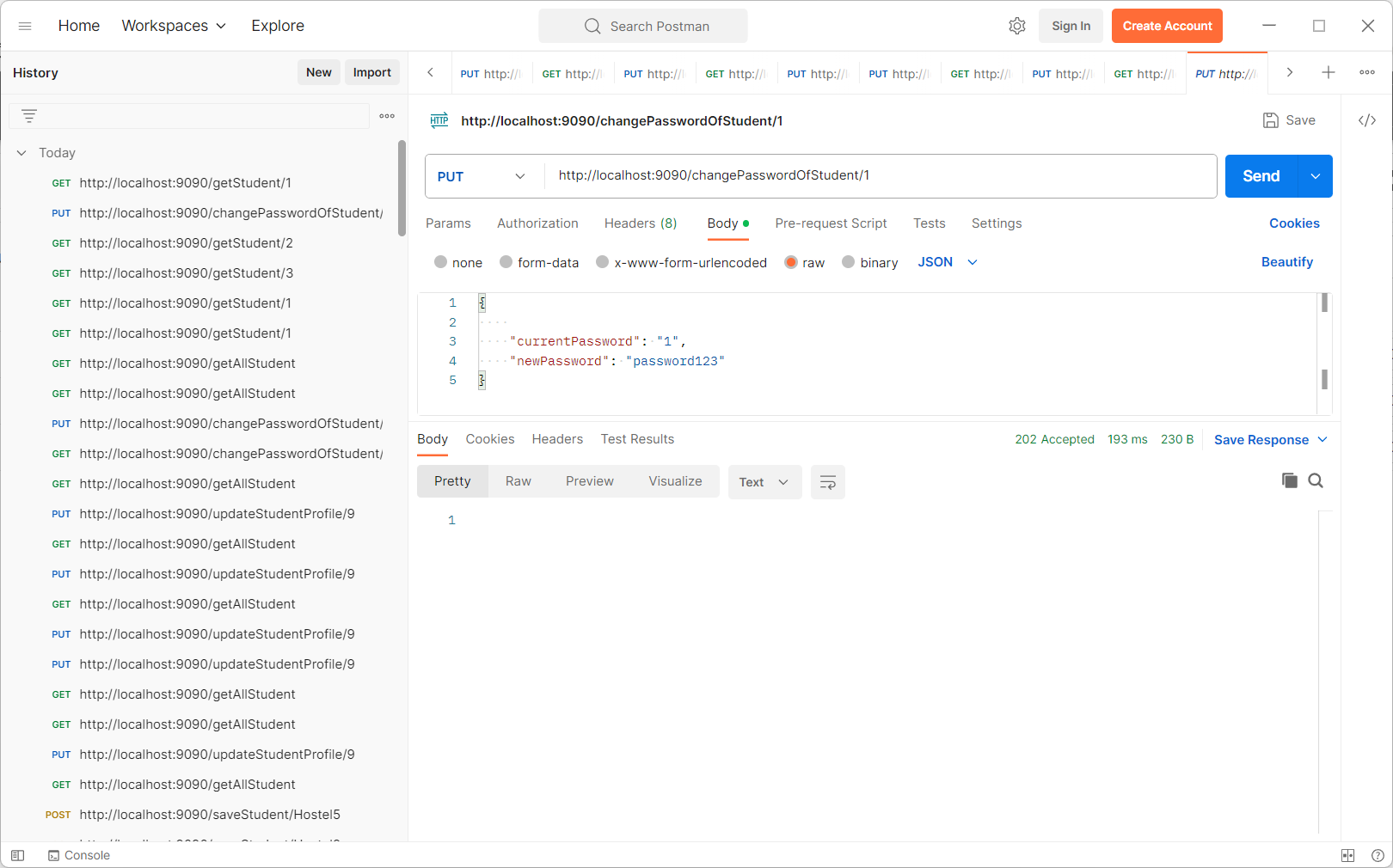


**Student:**

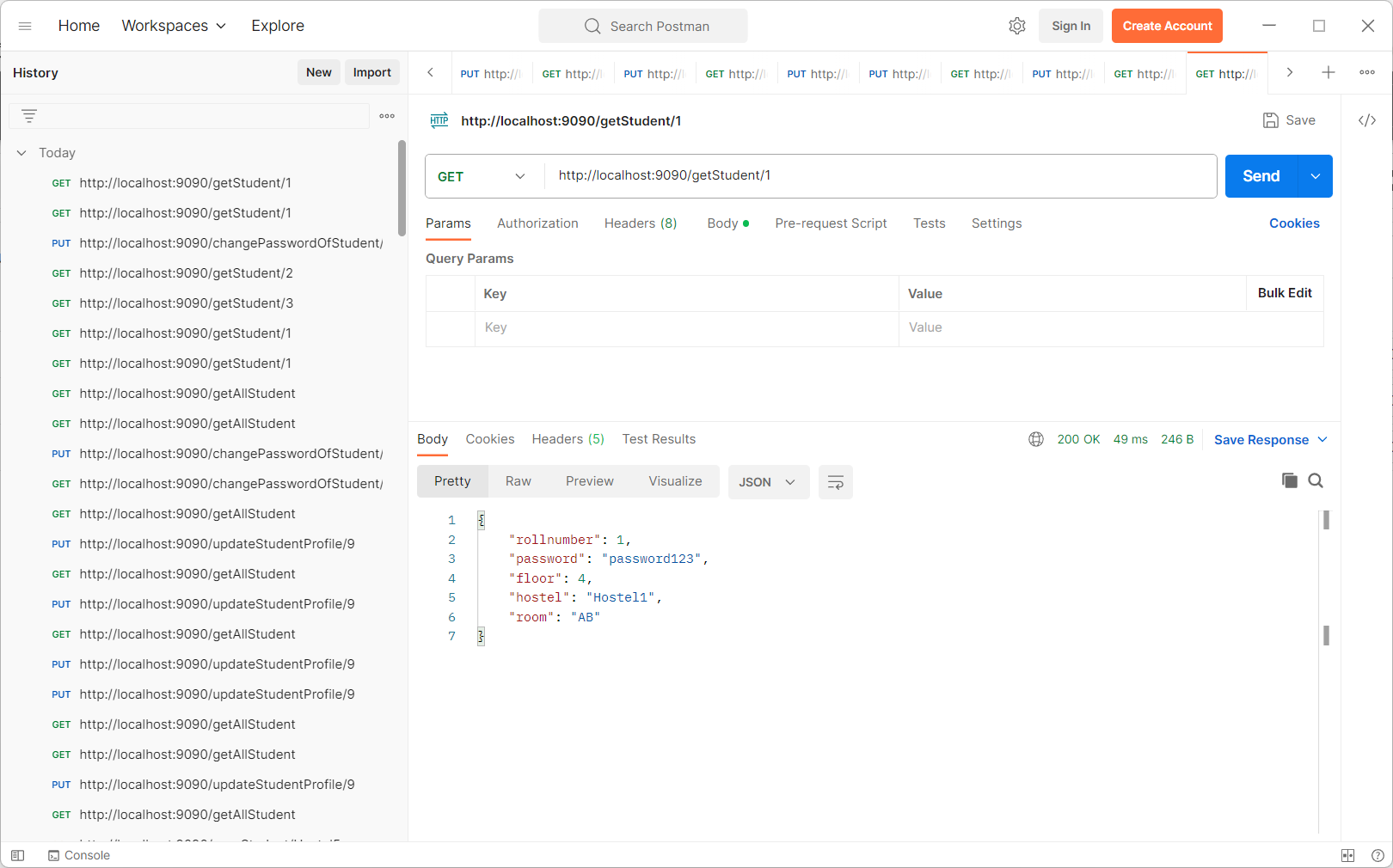
**getAllStudent:**



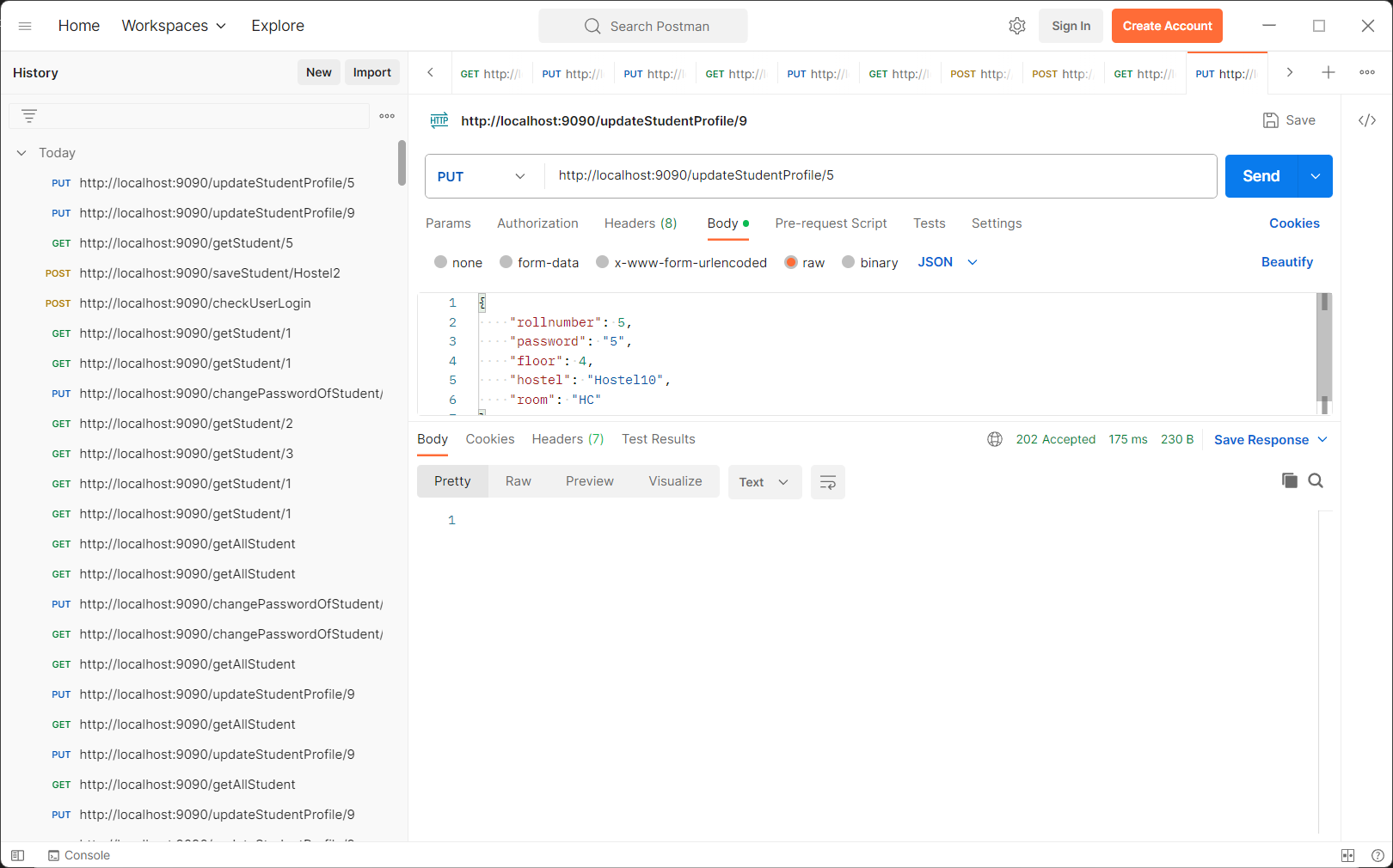
**changePasswordOfStudent:**

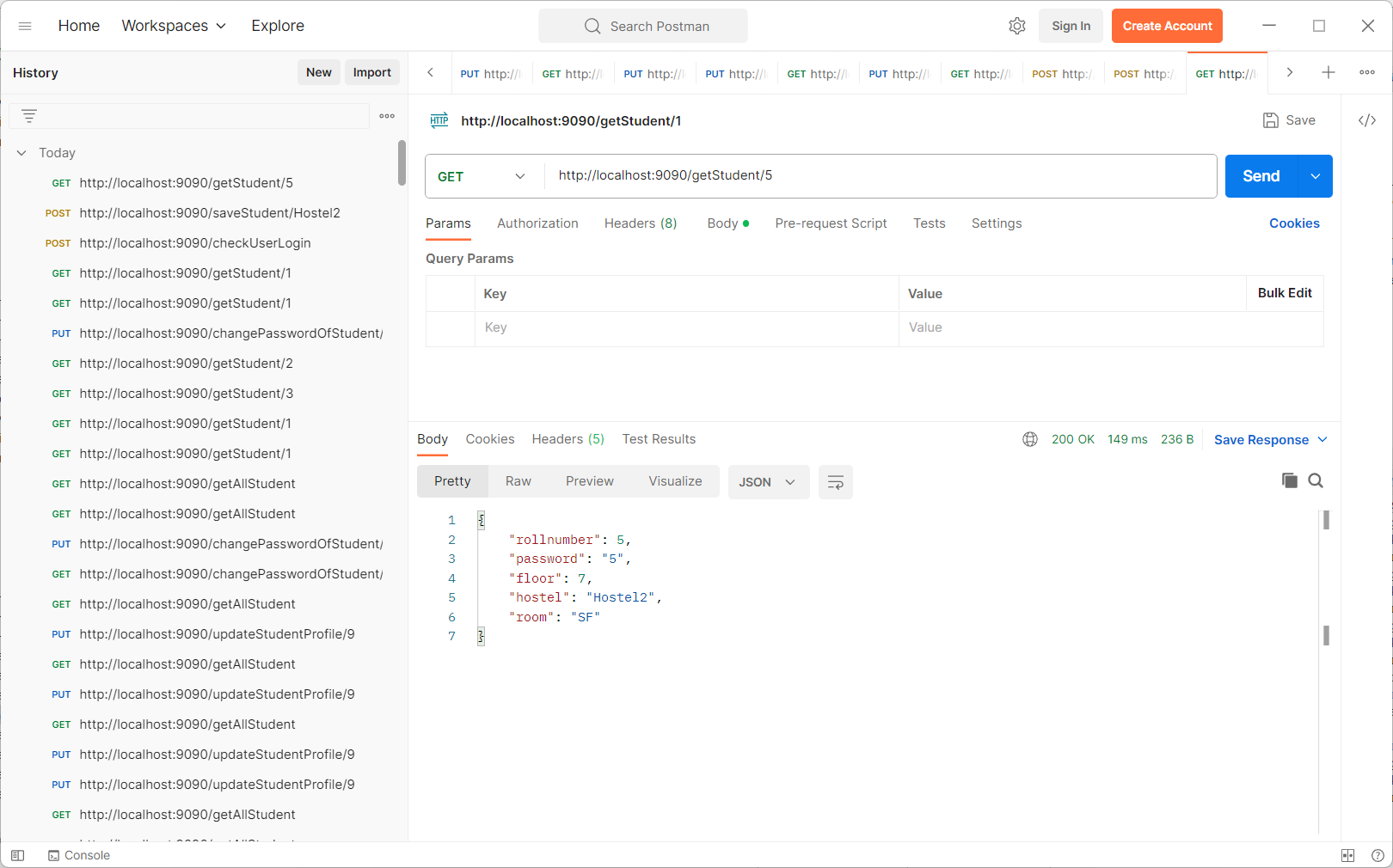


**getStudent:**

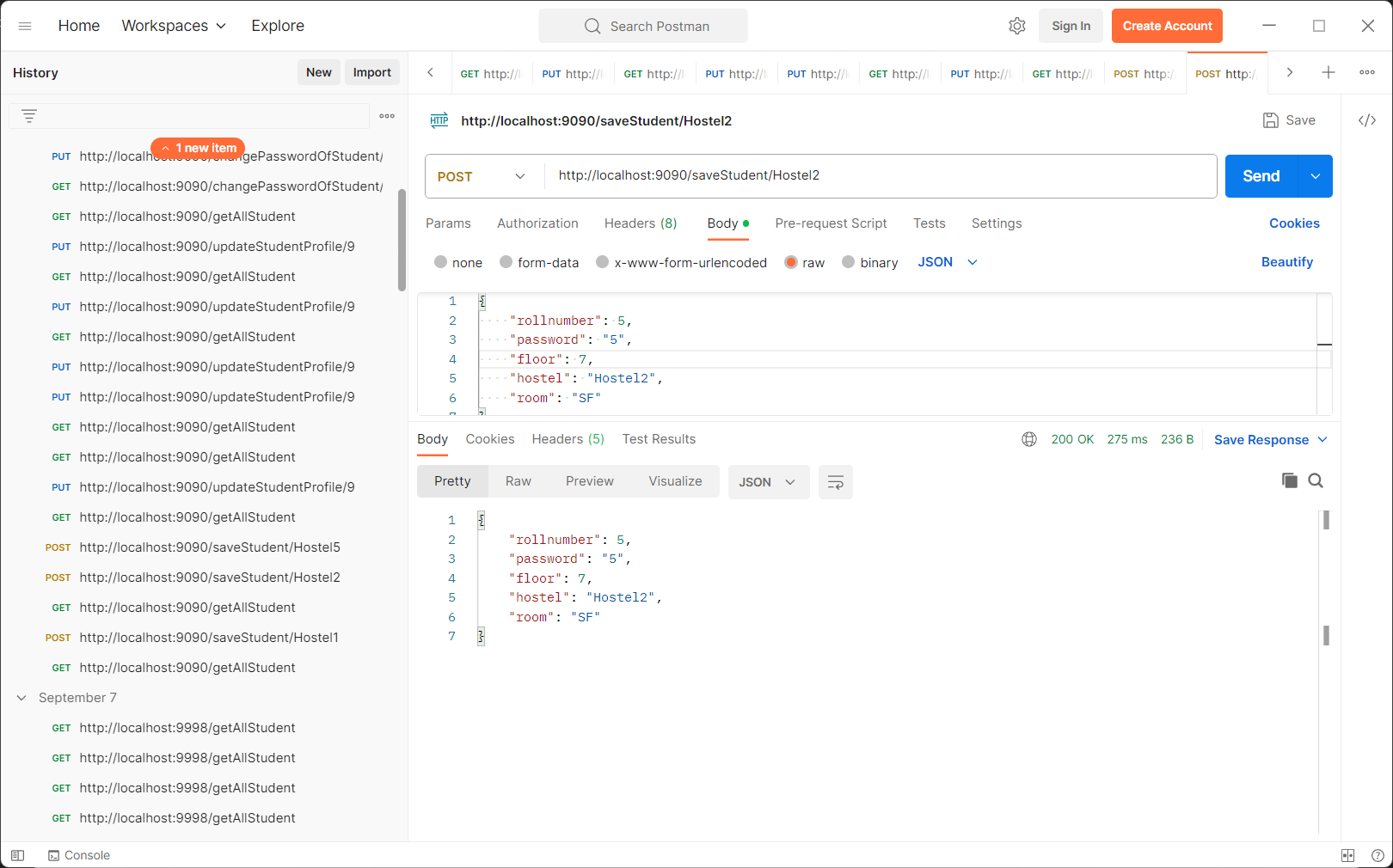


**updateStudent:**

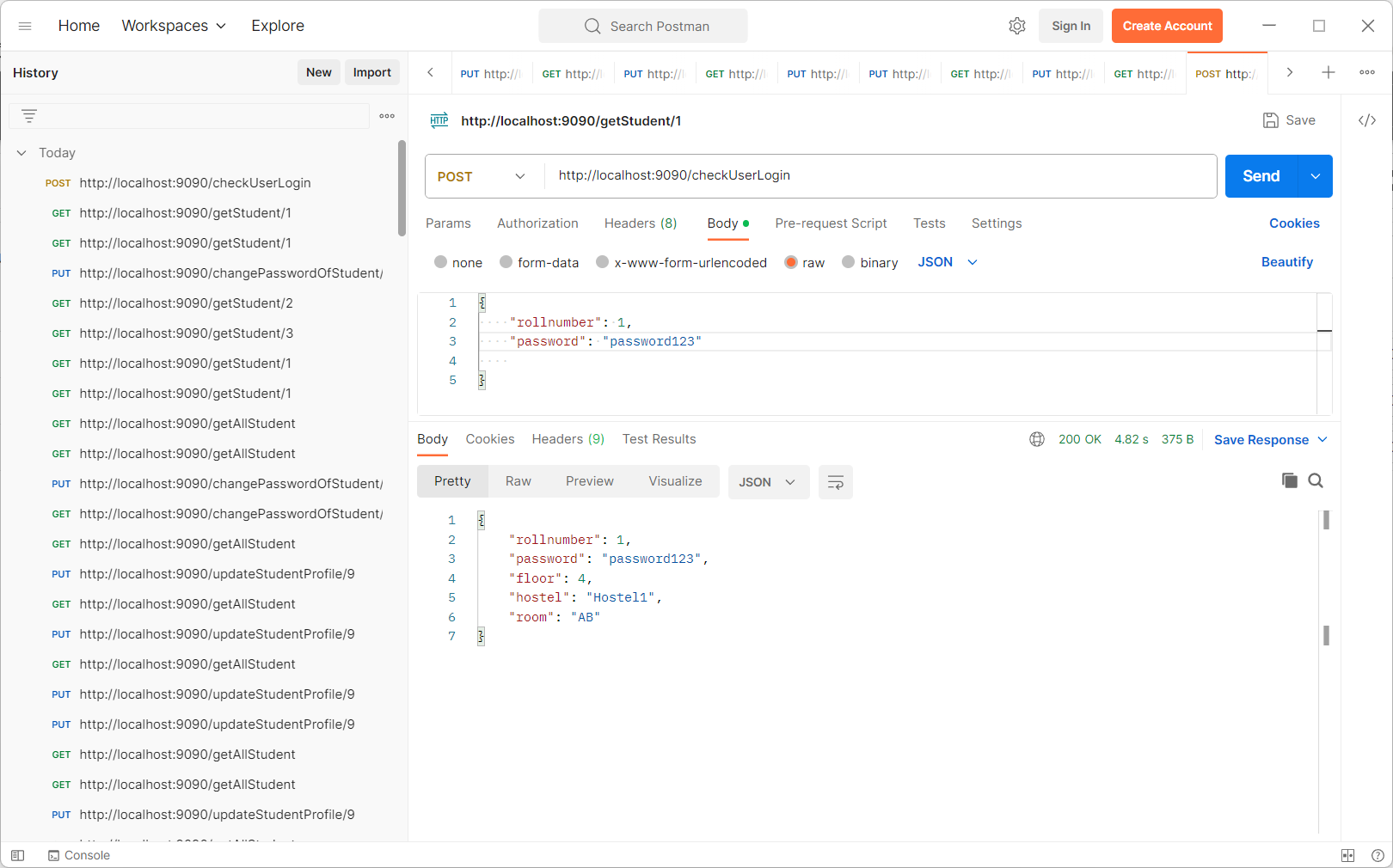




**saveStudent:**

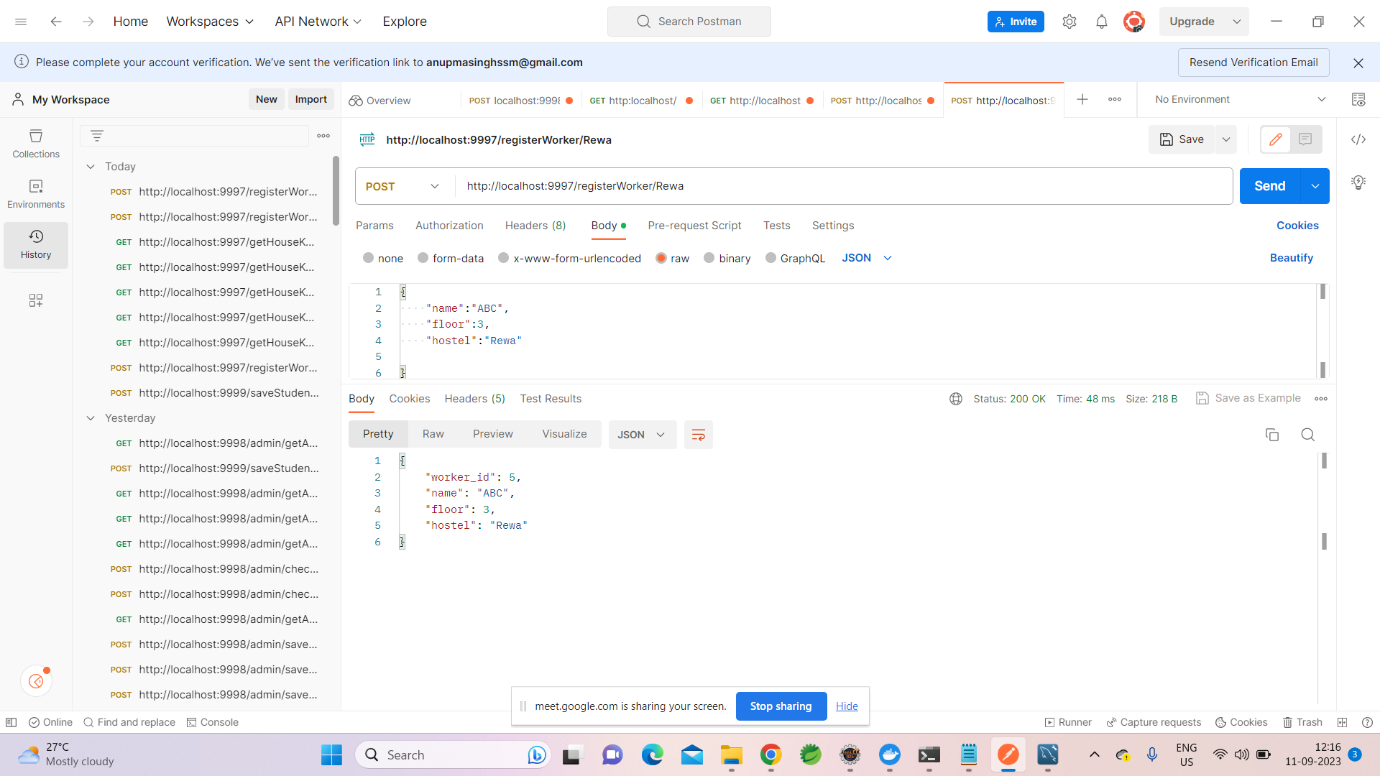


**checkUserLogin:**

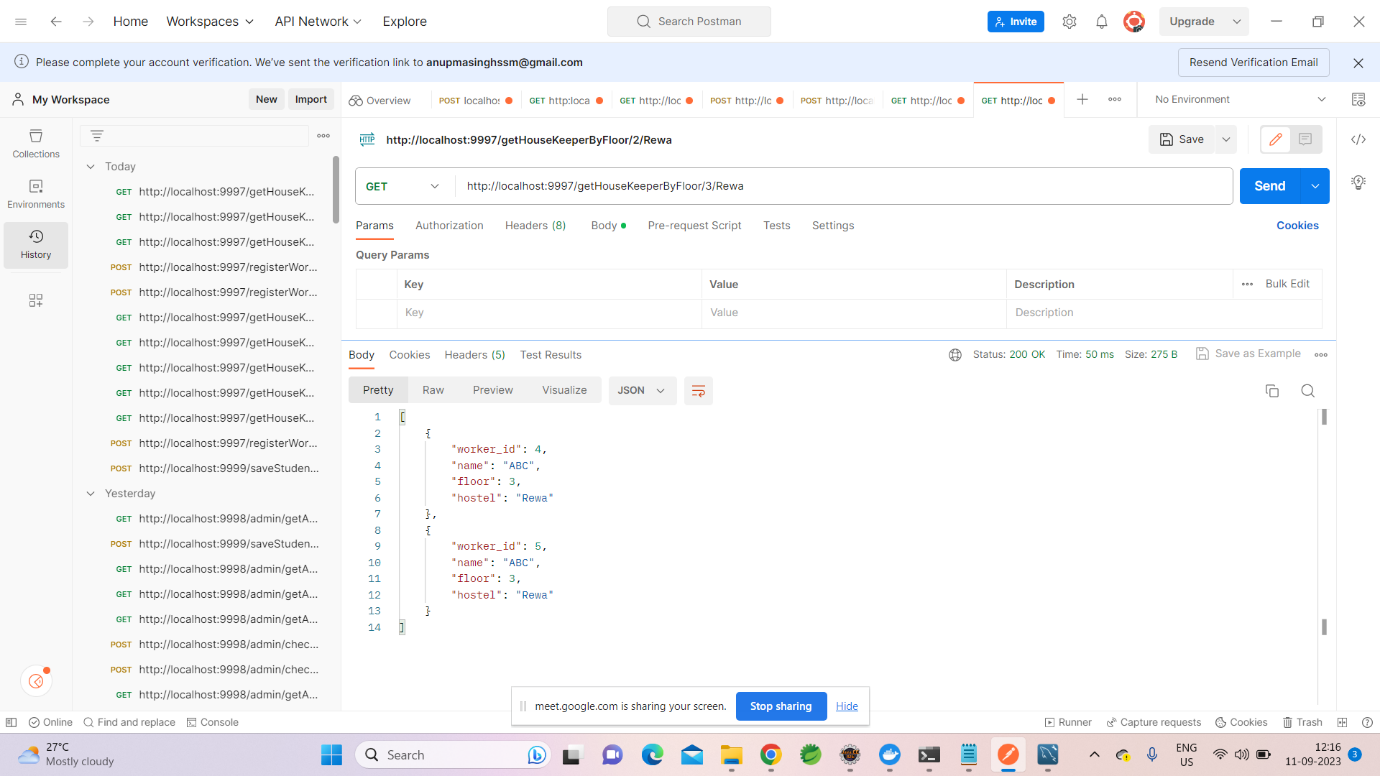


**Worker:**

**registerWorker:**

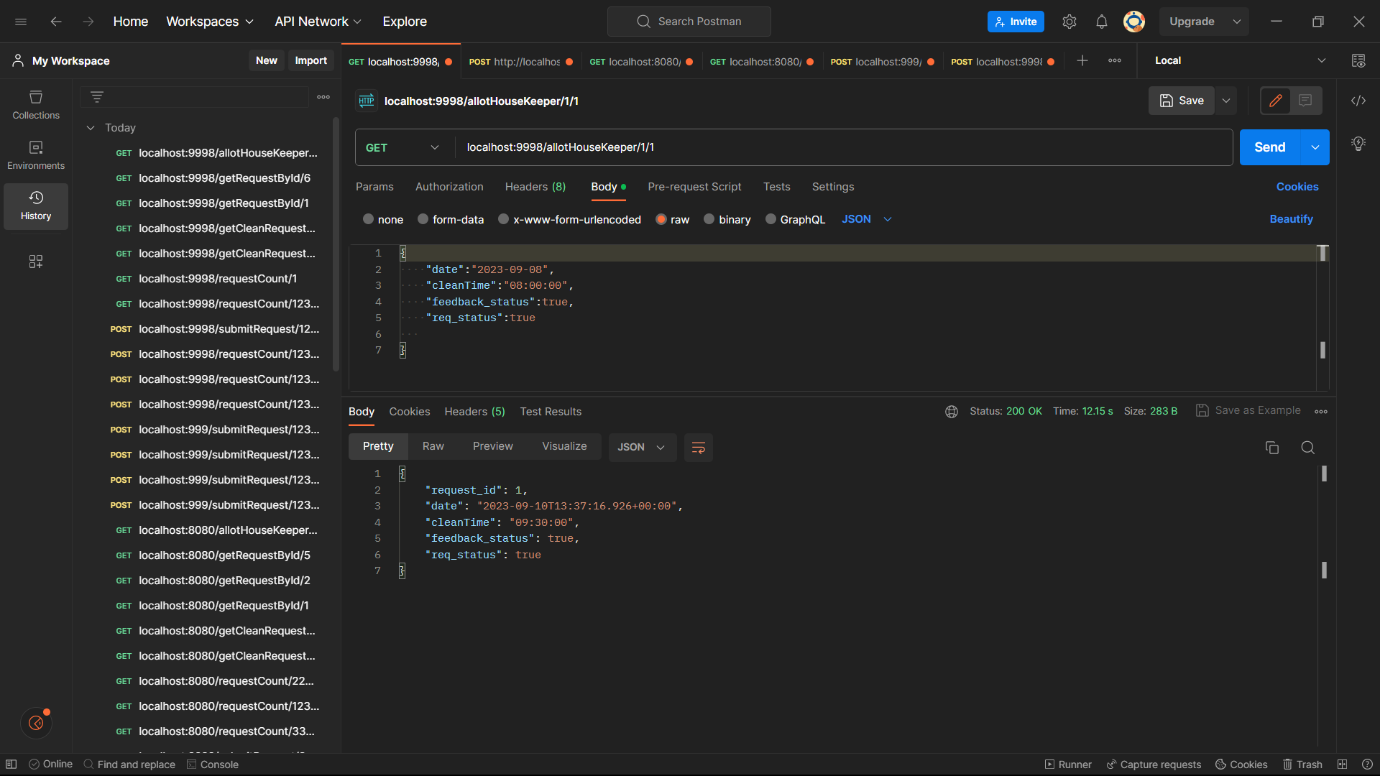


**getHouseWorkerByFloor:**

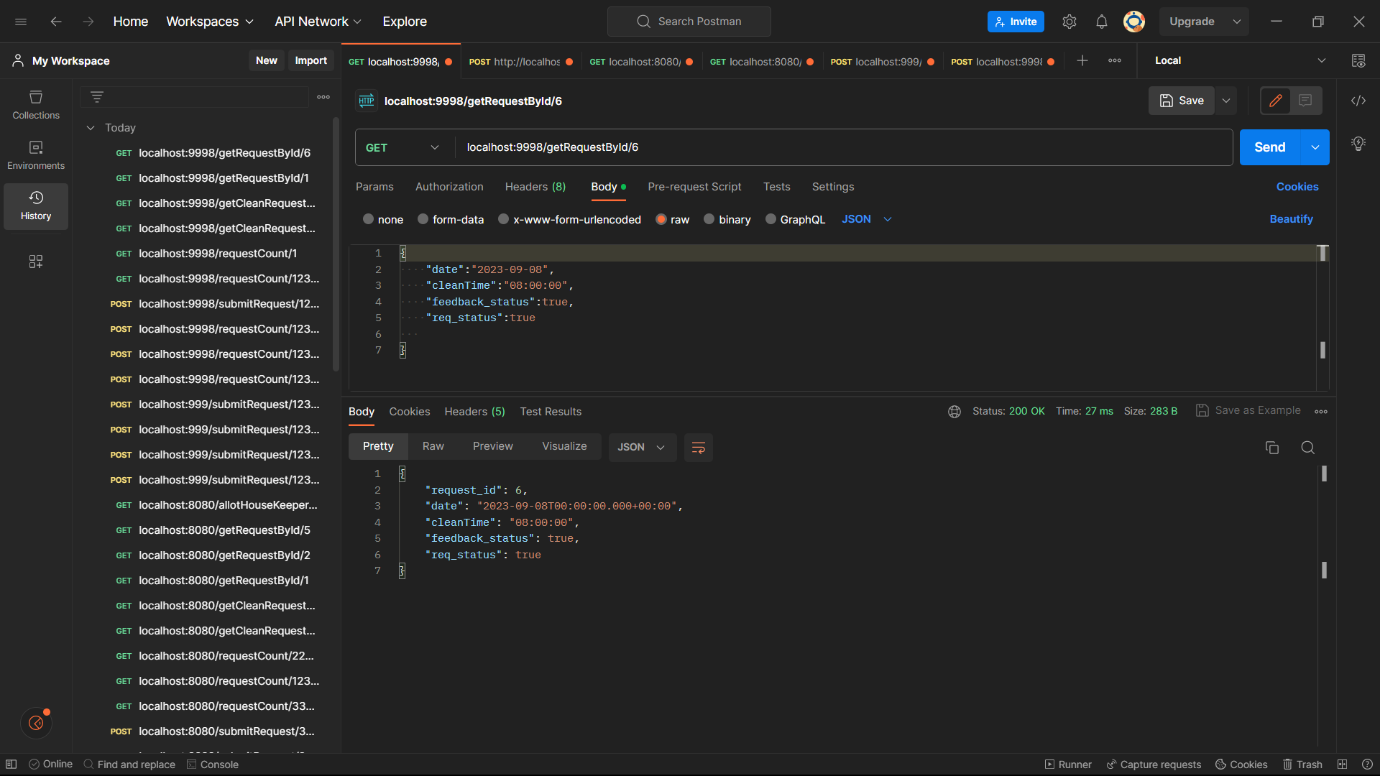


**Cleanrequest:**

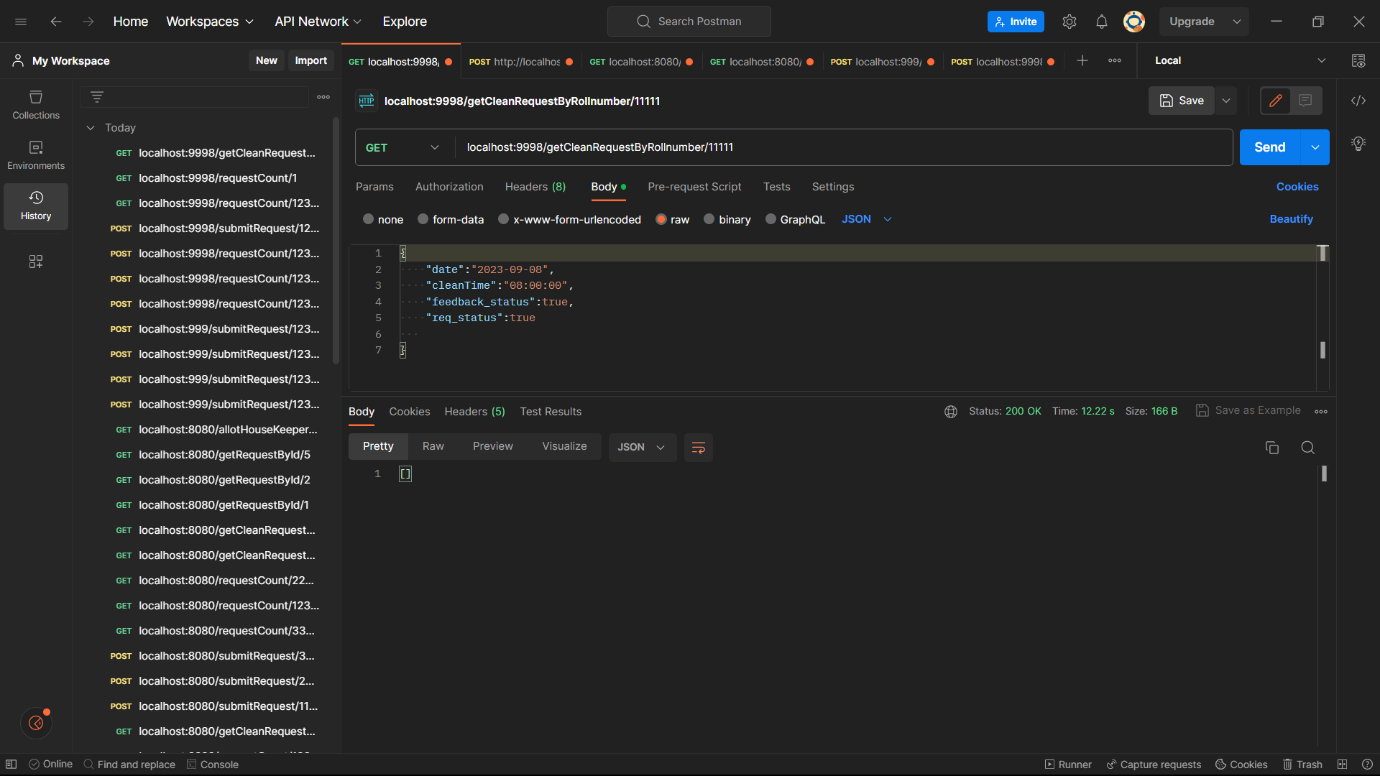
**allotHouseKeeper:**



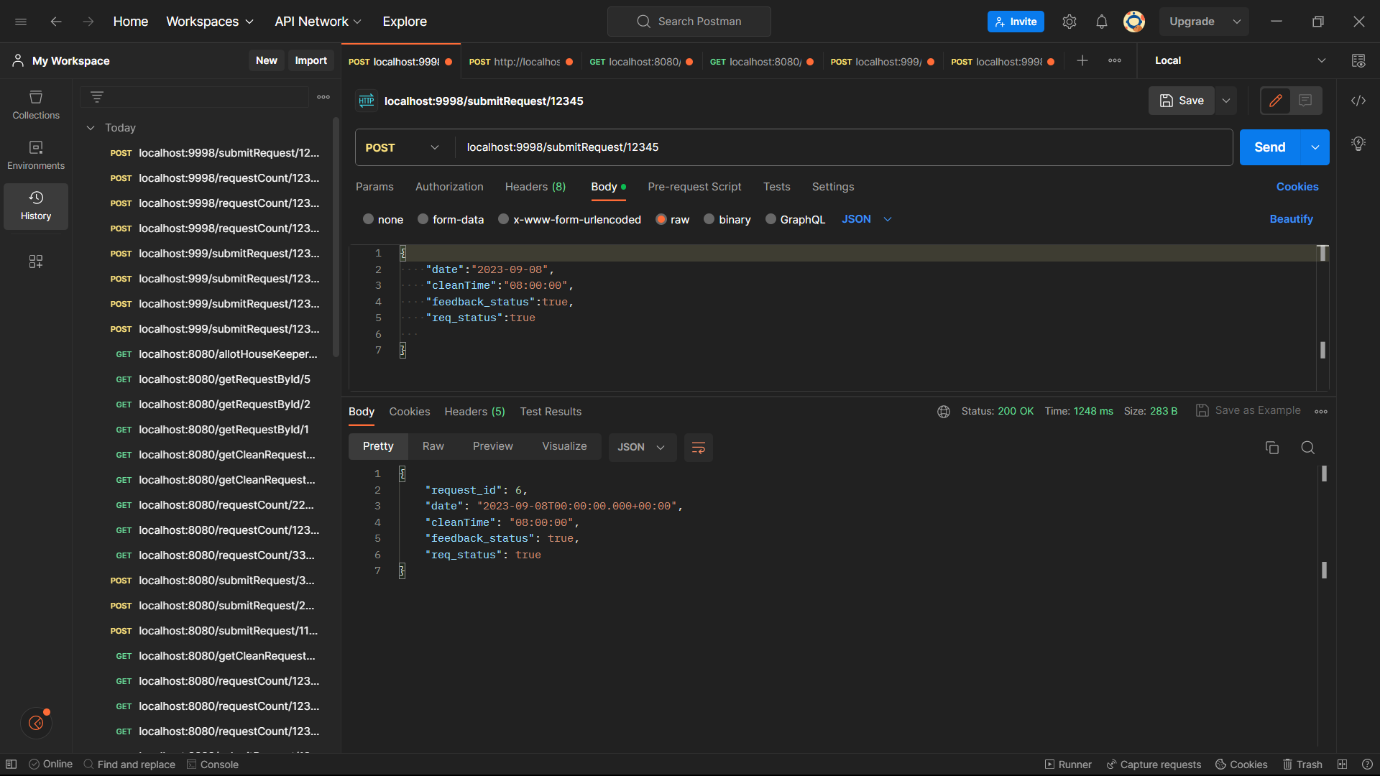
**getRequestById:**



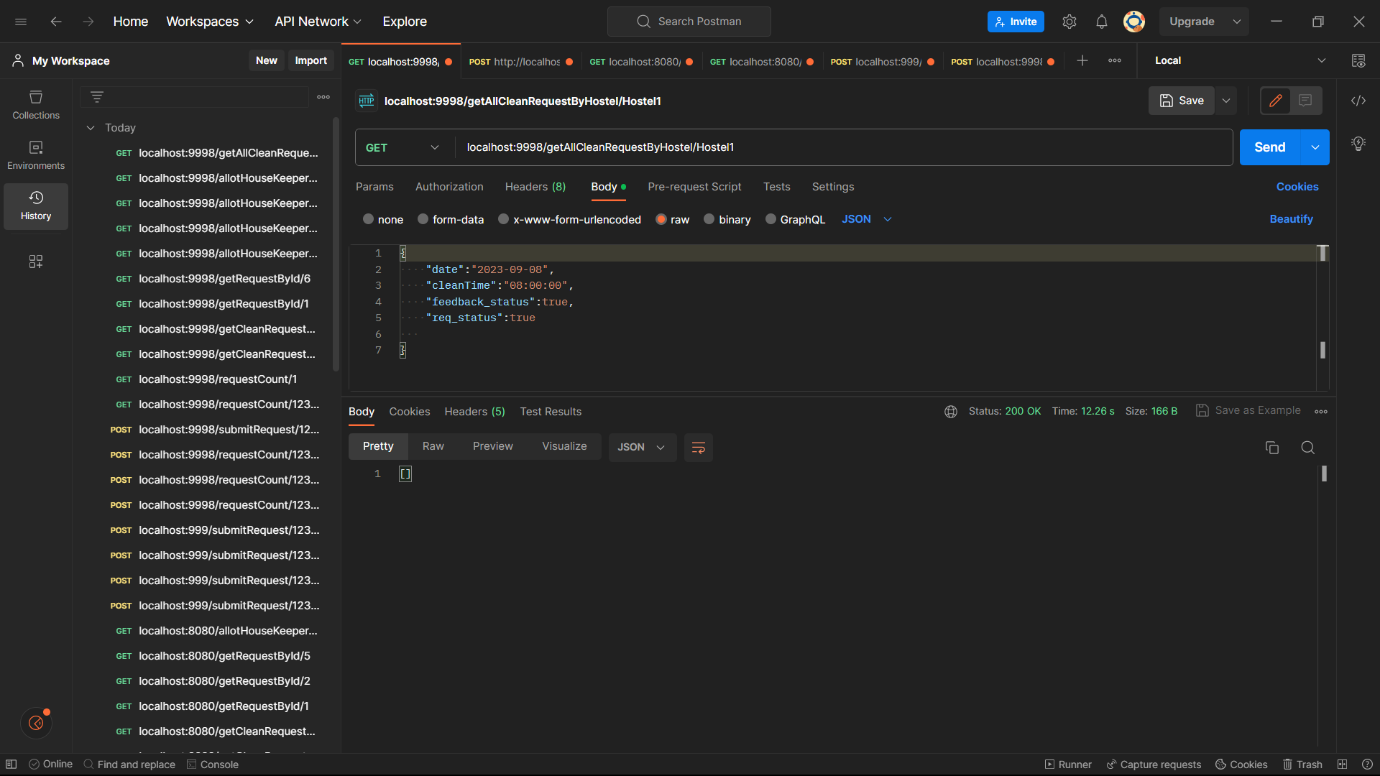
**getRequestByRollnumber:**



**submitRequest:**

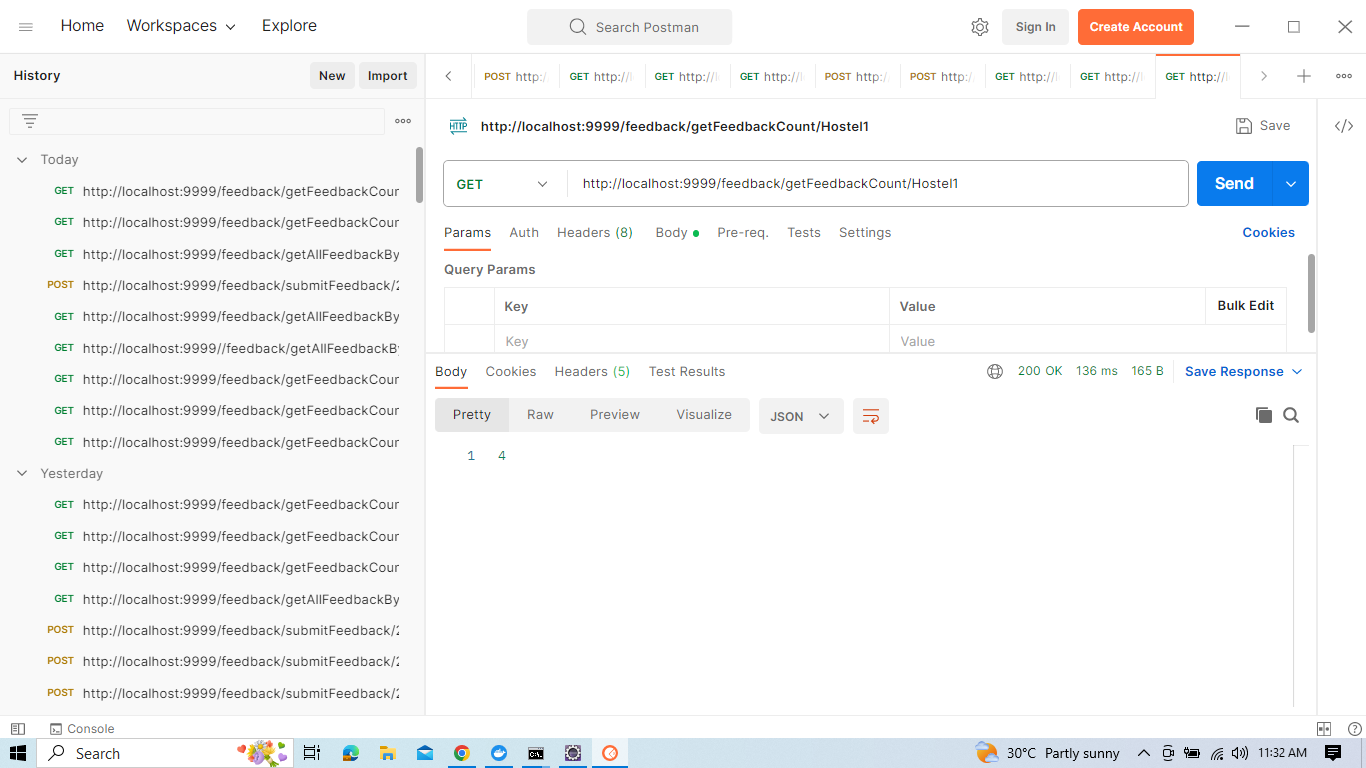


**getCleanRequestByHostel:**

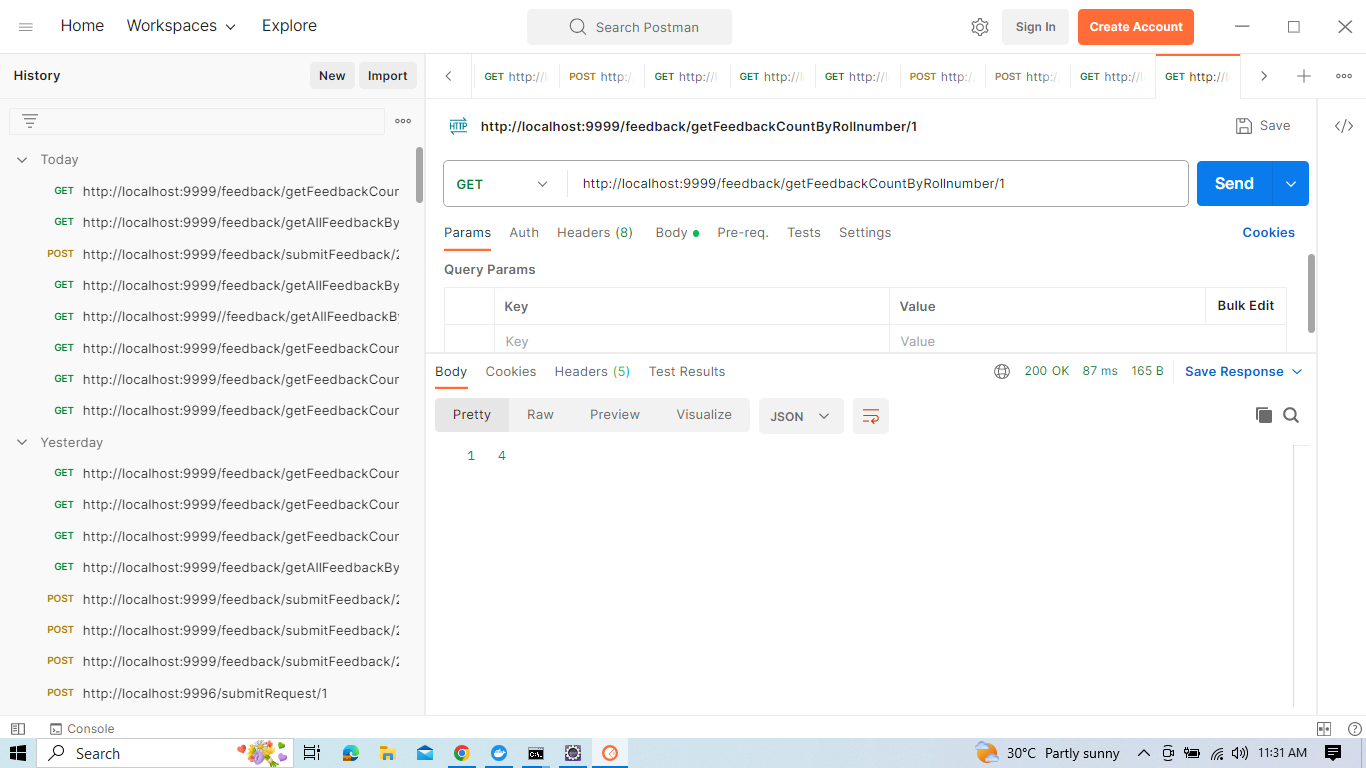


**Feedback:**

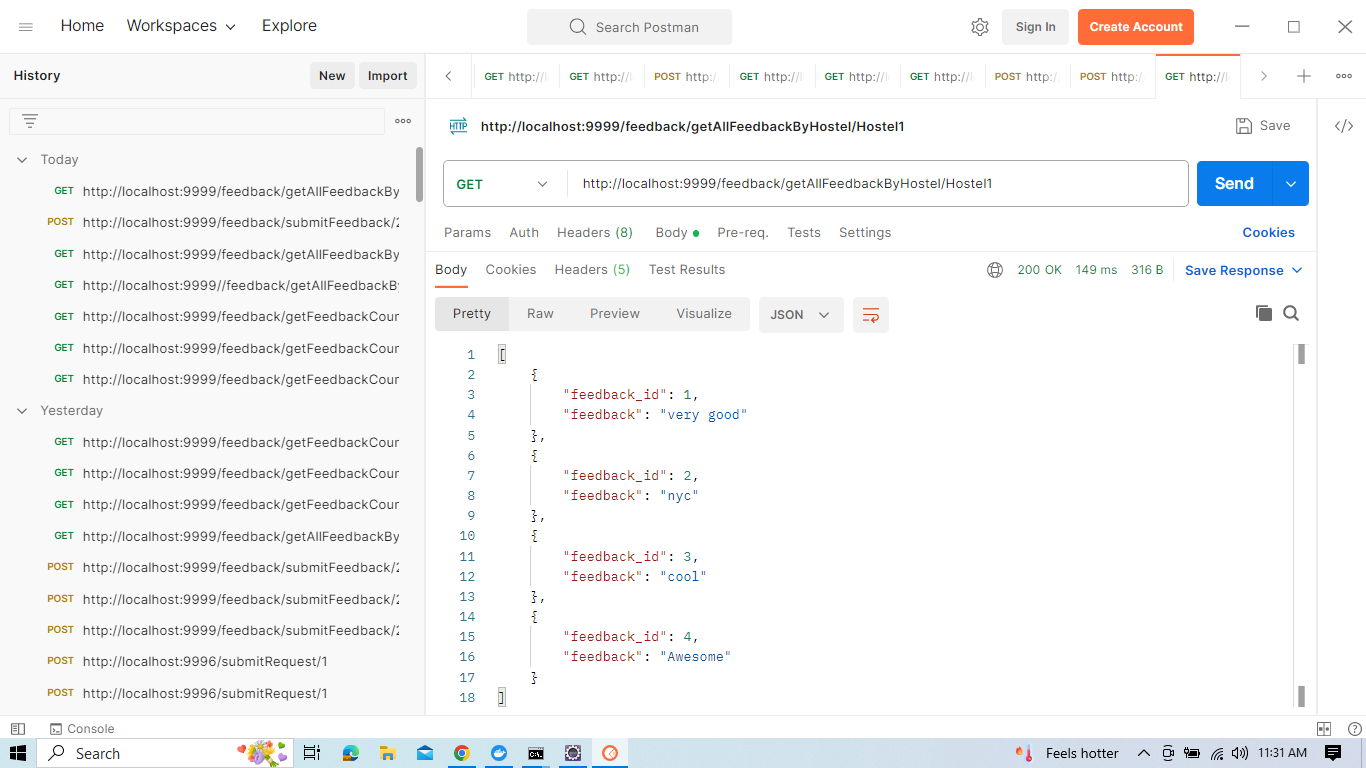
**getfeedbackCountByHostel:**



**getFeedbackCountByrollnumber:**



**getAllFeedbackByHostel:**



**submitFeedback:**

