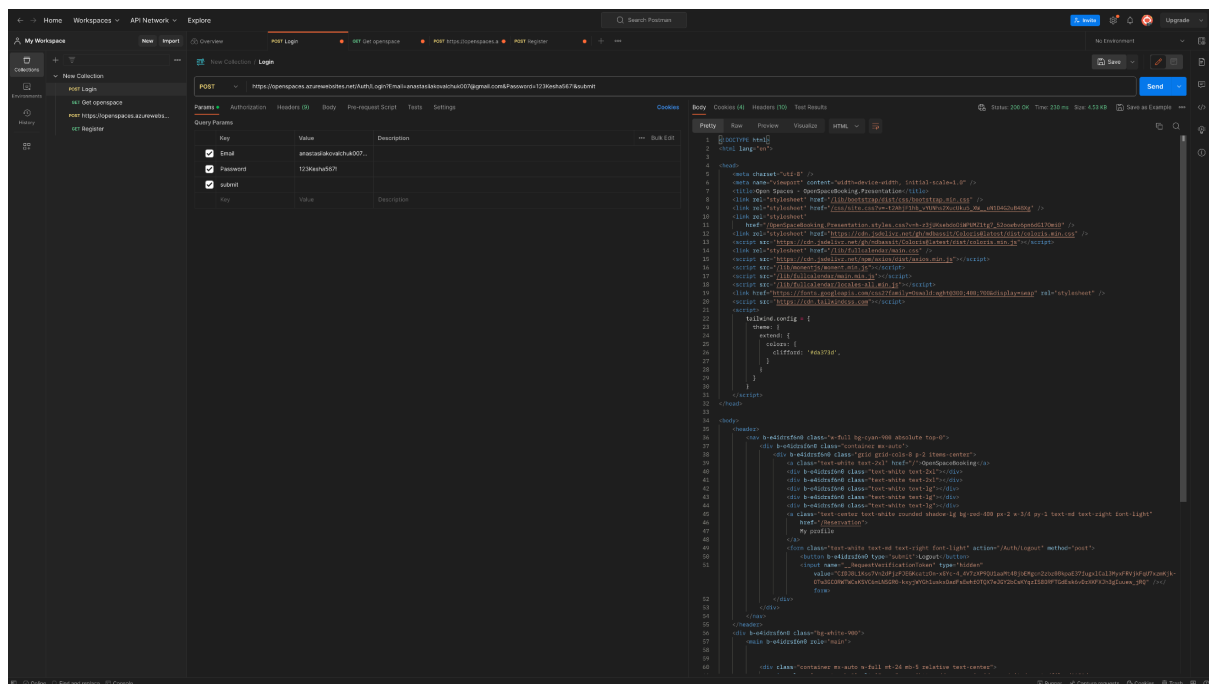


# Overview

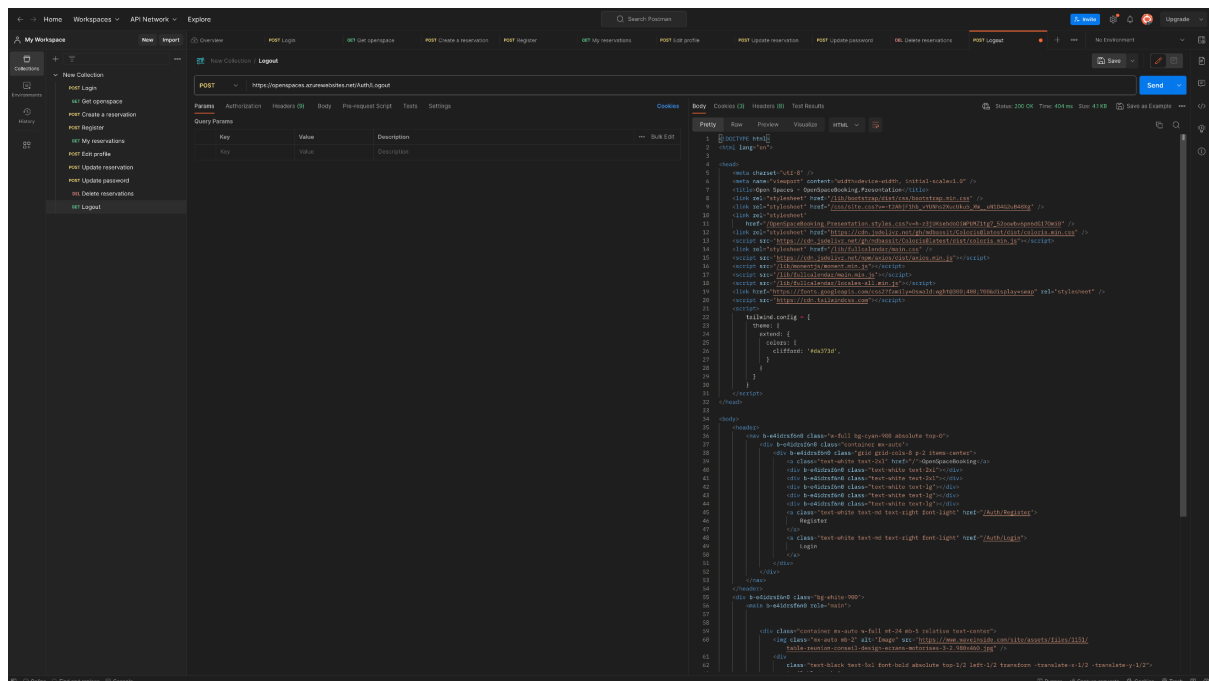
REST API testing encompasses a comprehensive evaluation process to ensure the reliability, scalability, and security of web services built on the REST architectural style. It involves understanding the API specifications, including endpoints, HTTP methods, request/response formats, and authentication mechanisms. Test scenarios are identified and translated into test cases, covering positive and negative scenarios, boundary cases, security aspects, and performance considerations. Testing may be automated using specialized tools and frameworks to expedite the process and improve consistency. Execution of tests involves sending requests to API endpoints and validating responses against expected outcomes. Testers handle authentication and data dependencies, monitor test execution, and report results, including any failures or deviations from expected behavior. Regression testing ensures existing functionality remains intact as the API evolves. Security testing focuses on identifying vulnerabilities, while performance testing evaluates the API's responsiveness and scalability under various loads. Overall, REST API testing ensures that APIs function as intended and meet quality standards before deployment.

REST API testing with Postman involves utilizing the Postman tool to create, execute, and automate tests for RESTful APIs. It enables users to send HTTP requests to API endpoints, inspect and validate responses, organize requests into collections, write test scripts using JavaScript, run collections as test suites, generate reports, and integrate with CI/CD pipelines for automated testing within the software development lifecycle. Postman simplifies API testing by providing a user-friendly interface and powerful features for testing and validation, making it a popular choice among testers and developers.

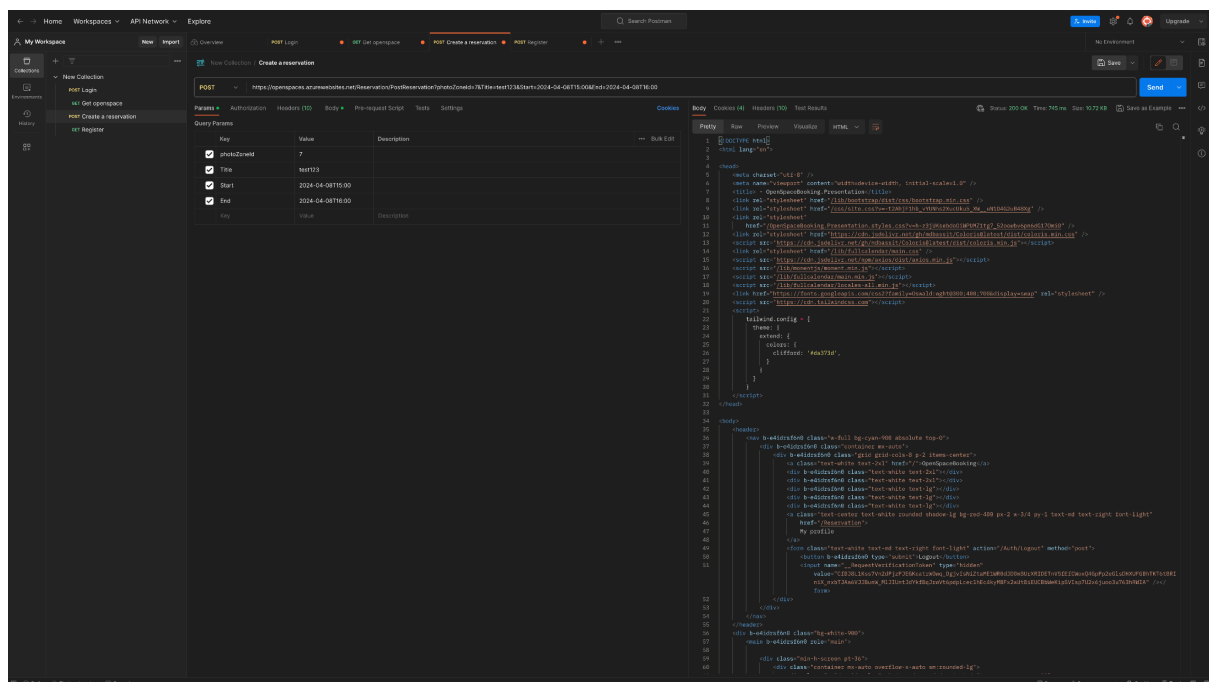
Register:



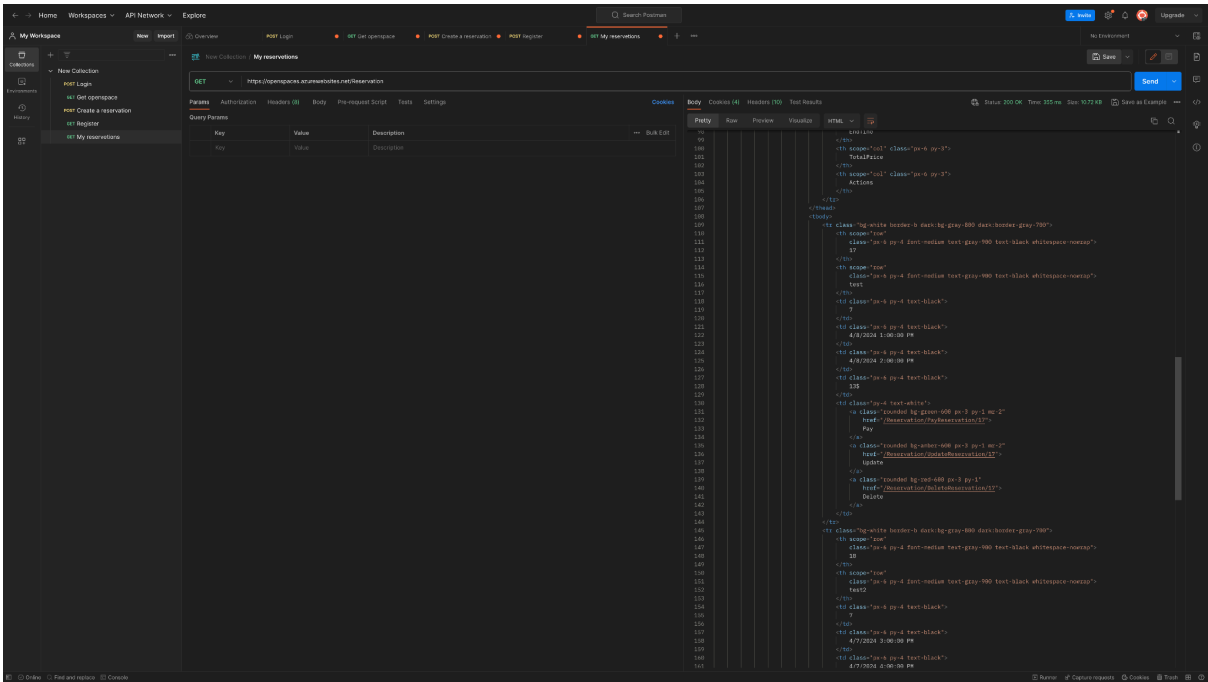
Log out:



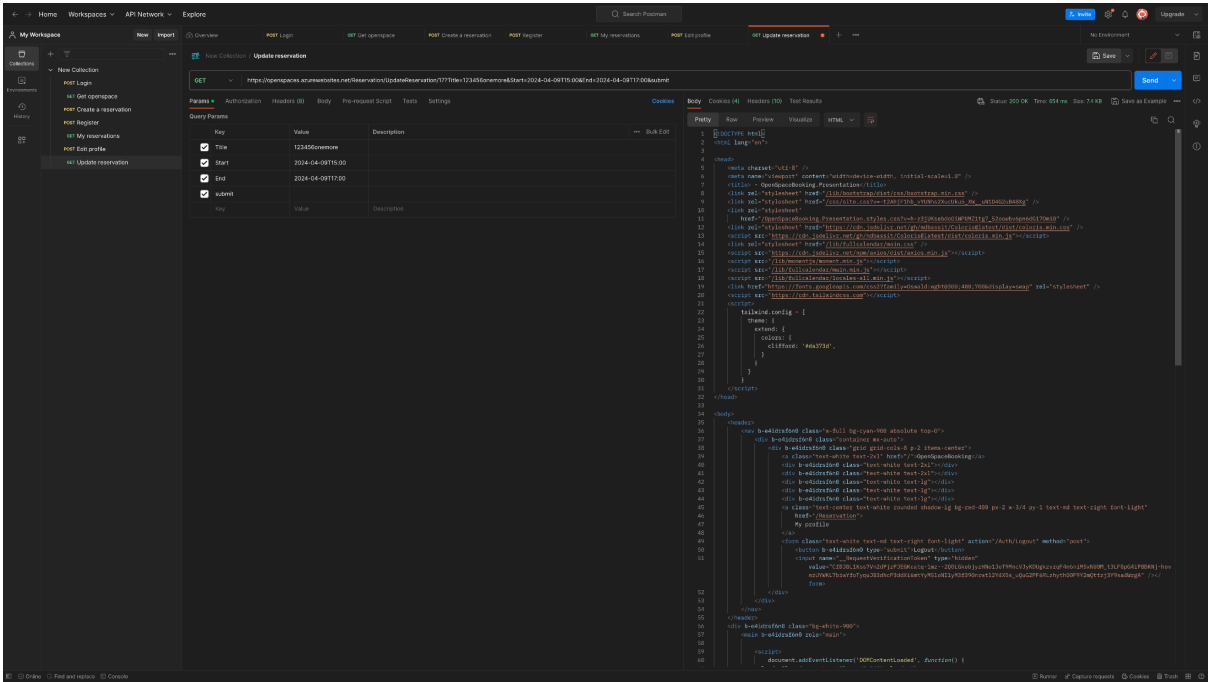
## Create a reservation:



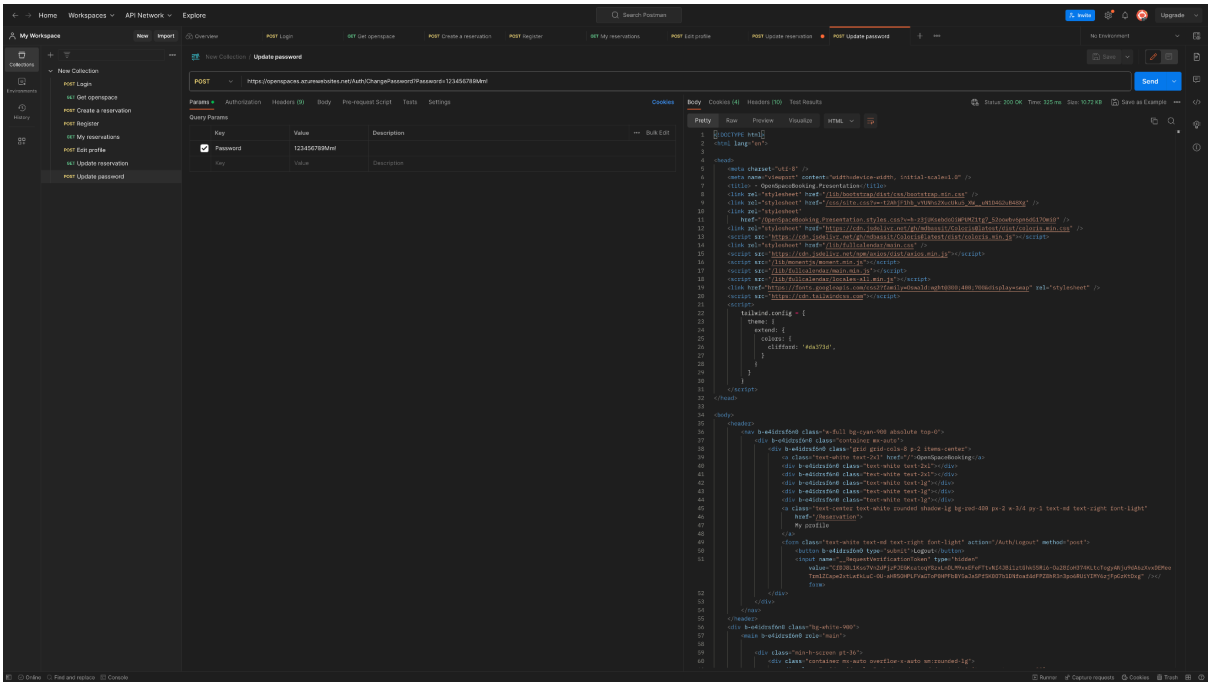
# Get my reservations:



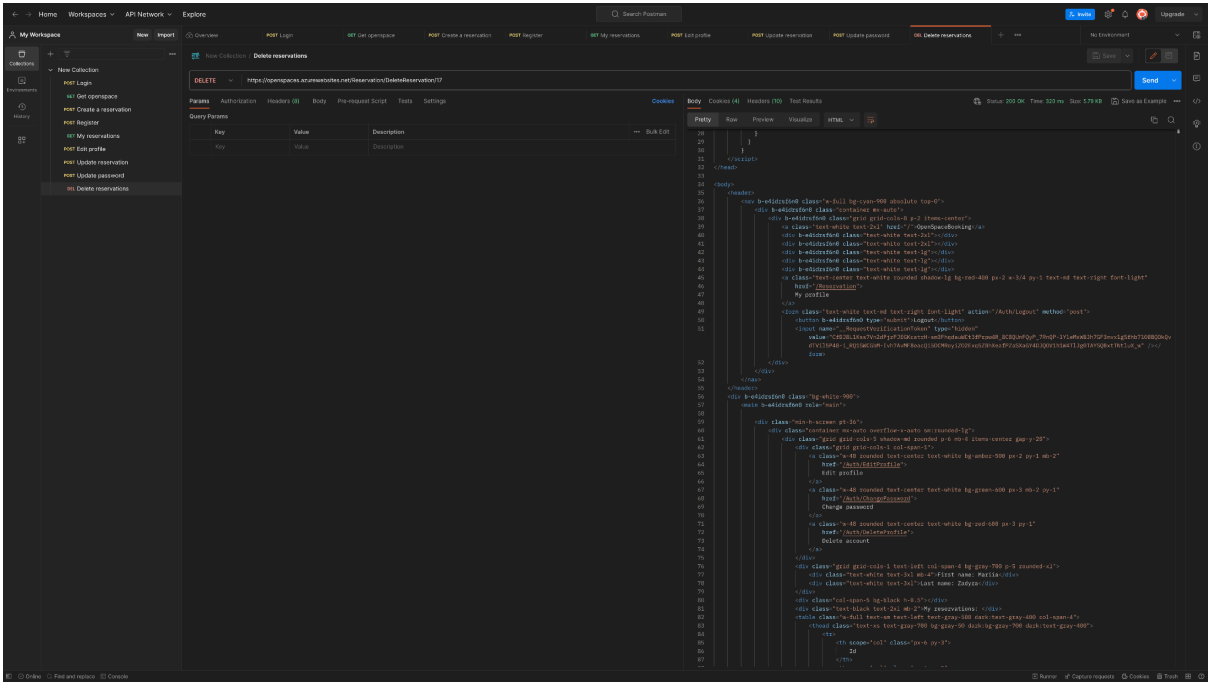
# Update a reservation:



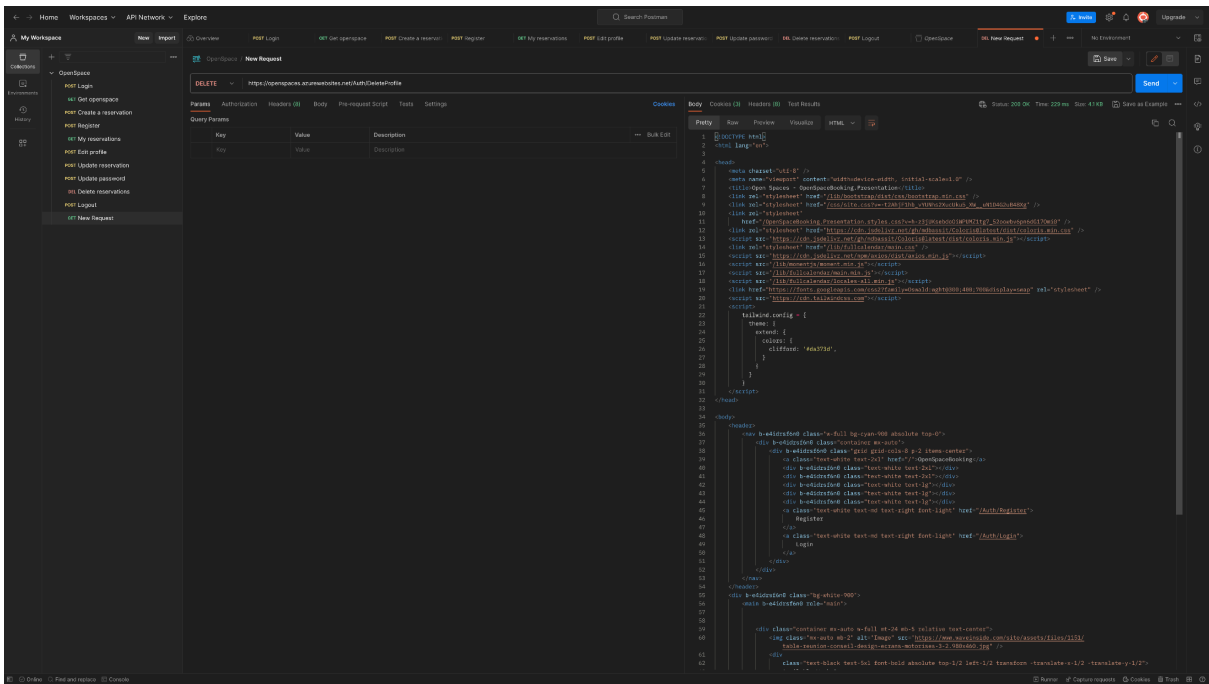
# Change password:



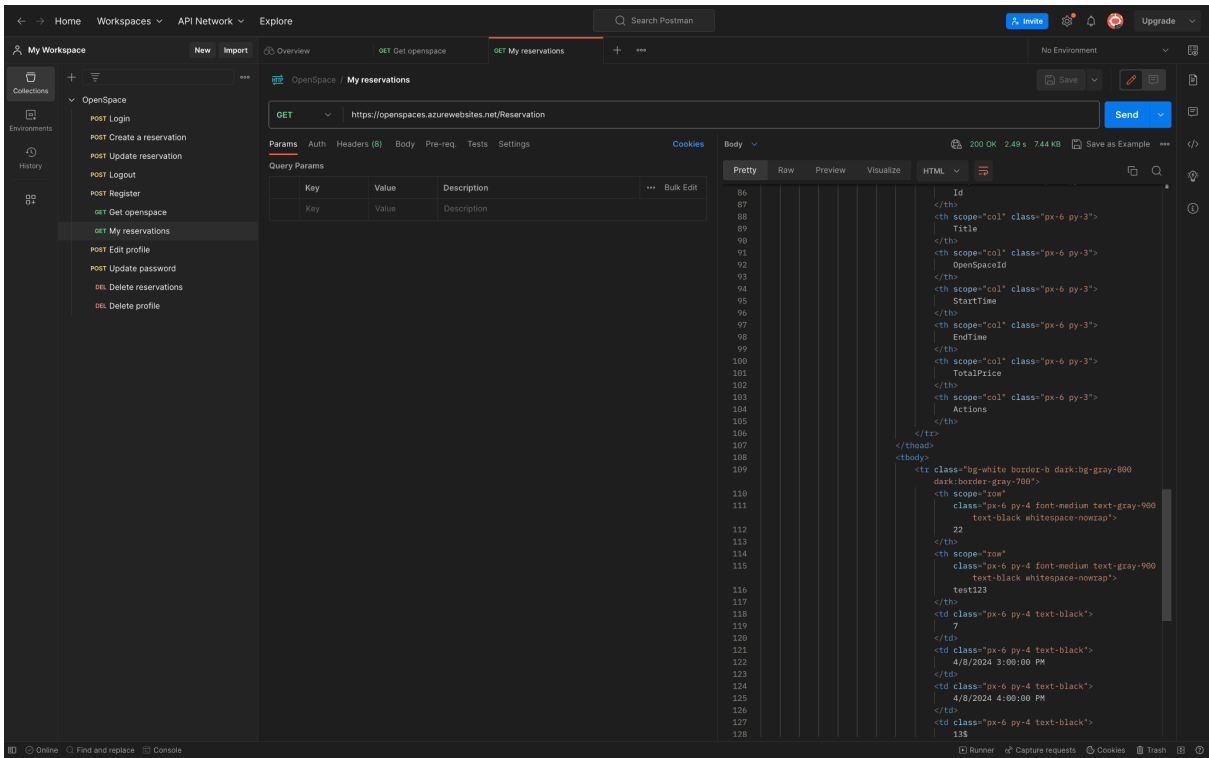
# Delete a reservation:



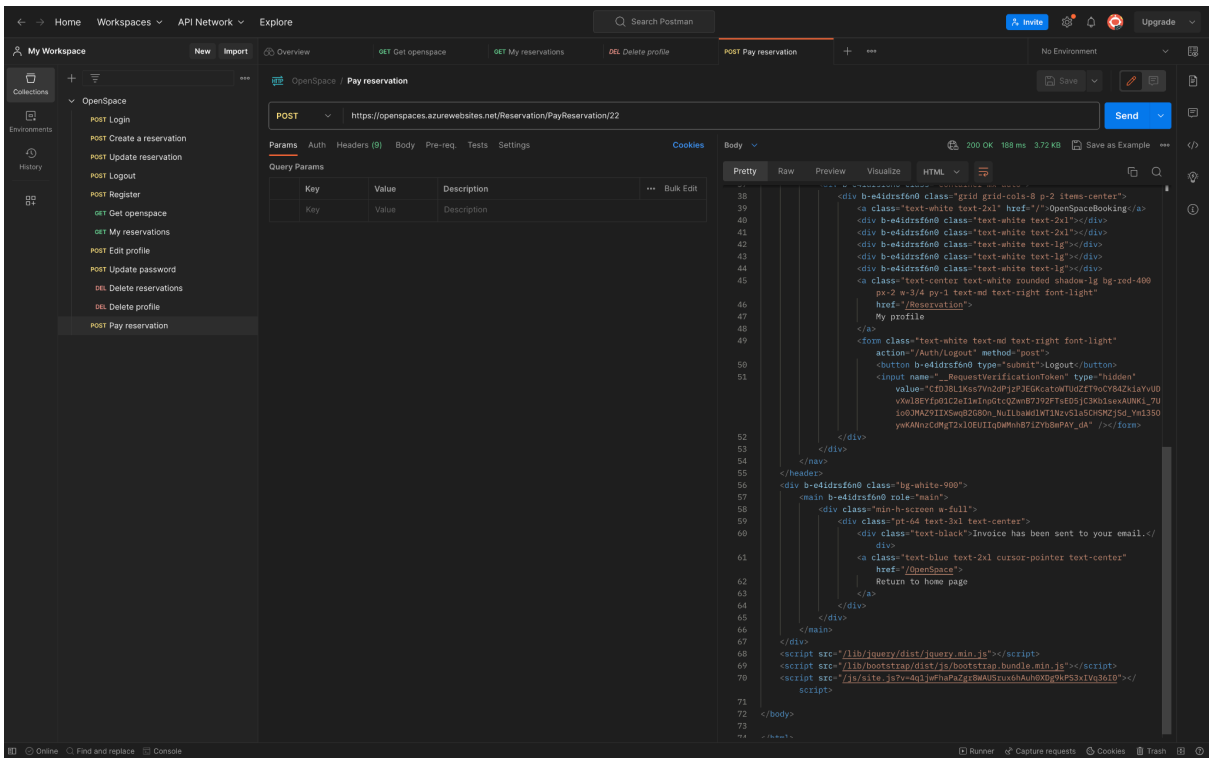
# Delete a profile:



# Get reservations of the workspace:



# Pay reservation:



# Cancel reservation after paying:

