

2019 -CS352 - Assignment 2: SelfieShare on AWS

Member Name	USN	Section	#hrs effort
Kunal Paliwal	01FB16ECS172	C	10
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Date of Evaluation

Evaluator

1. AWS username on which demo was shown
 - **sanju9710@gmail.com**
2. How is statelessness implemented in your API Design
 - **The backend and the frontend are stored in different server VMs with public IPs - 3.209.1.133 and 34.234.11.246 respectively.**
 - **The server is not saving the state of any client in our implementation.**
 - **The client state required to serve an HTTP request is passed by the client in the same request.**
3. Summarize your learning as part of this assignment
 - **Learned how client-server architecture is implemented with the backend of a website.**
 - **Learned tools like Flask, MongoDB, AJAX, Postman etc.**
 - **Learned the complexity of implementing Web Application.**
 - **Learned how to develop REST APIs**
 - **Learned how to comply with Web security policies like CORS.**

Any other observations/challenges/comments

- **Integrating front-end with back-end can be done in many ways. Understanding the specification of the assignment, discovering AJAX and understanding it was challenging and time-consuming.**
- **Communication between front-end and back-end is blocked by a security feature in browsers called CORS (Cross-Origin Resource Sharing), complying to the specification of CORS was challenging.**
- **We have implemented the REST APIs using Flask-Restful which allows only JSON objects to be sent as data in the HTTP response. Finding a way to send data which is not a JSON object was time-consuming.**