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College : G. H. PATEL COLLEGE OF ENGINEERING &
TECHNOLOGY, V V NAGAR

StudentName : Patel Malav Prashant

EnrollmentNo : 160110107040 Department : Computer
Engineering

MobileNo : 9624905863 Discipline : BE

Email : patelmalav64@gmail.com Semester : Semester 8

PPR Details

Periodic Progress Report : First PPR

Project : Project Birdie

Status : Submitted

1. What Progress you have made in the Project ?

In Project - I, we had implemented i) Weak Back End API ii) Minimal Front End iii) Basic WebGL view, so continuing it - Stable Back End API - Load Balancing on GraphQL end point. - Interactive UI component

2. What challenge you have faced ?

Challenges we faced as follows - Organizing structure for a stable API - Load Balancing system for GraphQL API - Memory Leaks in Front Leading massive memory hogs of tab - Impractical features we had added in project scope

3. What support you need ?

- We needed some understanding of concept for Load Balancing and why we had single point of failure in our Back End - Memory Leaks resulting due to some unknown factors - Impractical features alternatives - Structuring a good Back End API

4. Which literature you have referred ?

Load Balancing - <https://support.cloudflare.com/hc/en-us/articles/360000062871-Understanding-Cloudflare-Load-Balancing-Analytics>
WebGL - https://www.khronos.org/webgl/wiki/Main_Page ThreeJS
Discourse - <https://discourse.threejs.org/> Material Design Guidelines
and Flutter Component UI specs

Comments

Comment by Internal Guide :

None

Comment by External Guide :

None

Comment by HOD :

None

Comment by Principal :

None

Comment by University Admin :

None