



**Walchand College Of Engineering, Sangli.
(An Autonomous Institute)**

**Department
Of
Computer Science and Engineering**

TY CSE Mini Project-I
Report
On

[WCE RSC Website](#)
Submitted by

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**2019BTECS00057
2019BTECS00042
2019BTECS00037**

Under the
Guidance of

N.L Mudegol
Guide
Computer Science
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WCE, Sangli.

2021-2022



Walchand College of Engineering, Sangli
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Computer Science and Engineering**

CERTIFICATE

This is to certify that the Project Report entitled, **”WCE RSC”** submitted by Mr./Ms. Shreyash Malu, Aditya Sarnobat, Onkar Gavali, to Walchand College of Engineering Sangli, India, is a record of bonafide Project work of course Mini Project – 1” carried out by him/her under my/our supervision and guidance and is worthy of consideration for the award of the degree of Bachelor of Technology in Computer Science & Engineering of the Institute.

N.L Mudegol

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Acknowledgement

We would like to express our special thanks of gratitude to our guide Ms. N.L Mudegol Mam as well as our HOD Dr. M. A. Shah who gave us the golden opportunity to do this wonderful project on the topic WCE RSC Website, which also helped us in doing a lot of research and we came to know about so many new things. We are really thankful to them. Secondly, we would also like to thank the teammates who worked together in finishing this project within limited time. Finally, thanks to all who supported the project.

Declaration

I hereby declare that work presented in this project report titled **"WCE RSC WEBSITE"** submitted by me in the partial fulfillment of the requirement of the award of the degree of **Bachelor of Technology (B.Tech)** Submitted in the **Department of Computer Science & Engineering, Walchand College of Engineering, Sangli**, is an authentic record of my project work carried out under the guidance of Ms. N.L Mudegol Mam

Date :

26-11-
2021

Place :

Sangli

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1. Project Title – WCE RSC Website

2. Abstract

- a. WCE Research Symposium on Computing - RSC
- b. WCE has already organized 5 RSC events
- c. Doctoral students, faculty members and industry experts from all over the India submit their Research paper in our Event
- d. Previous website had some drawbacks
- e. It is a static website
- f. Web pages were not responsive
- g. As the event is organised every year content of the website needs to be changed and updated time to time
- h. To update the website content every time admin has to go through all code and made the changes there was no other way to update the contents of the website

3 Introduction and Related work

- Every Year WCE Needs to Change Contents on Research Symposium
- Website which is a Tiresome Work.
- So We Provided a Admin Panel on Which Admin Can Easily Change Contents Using Graphical Interface.

4 Problem statement

- To Create fully functional Research symposium on Computing RSC website with
 - a. Easy to update website contents dynamically using user interface provided
 - b. Database support
 - c. Responsive user Interface

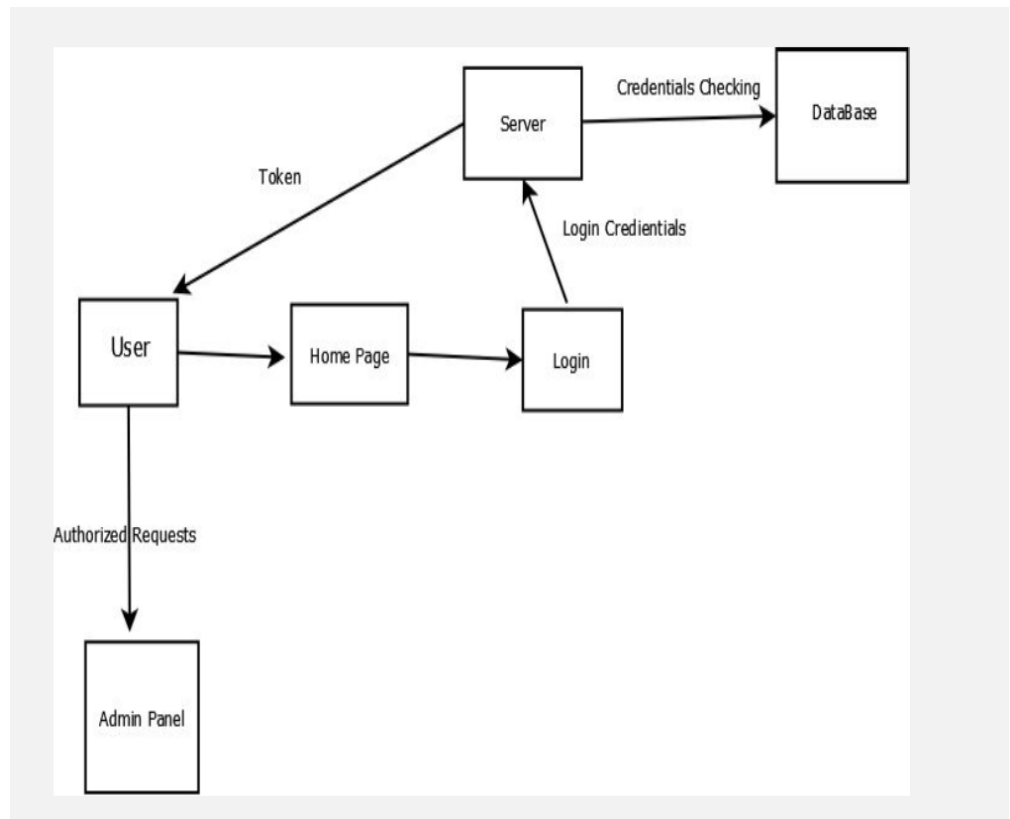
5 Objectives

- a. To create a Responsive website For National Research Symposium With Admin Panel
- b. The Admin can update content of the website dynamically through user interface
- c. Responsive user interface
- d. Database support

6 Methodology

- The Entire Frontend of Website Would be Made From React. So that When a user Click on a Link The page Transition Would be Handled by Browser Itself.
- 2 Types Of User will be There General Public ,Admin and Participants.
- Admin will have its separate admin panel.
- Authentication Of Admin By JSON Web Token
- Admin Passwords will be hashed by bcrypt and then Saved To DB.
- All The Editable Data Would Also be stored on Mongo DB itself.
- So When Admin Updates Data in Database, the dynamic Data will be Reflected on Website.

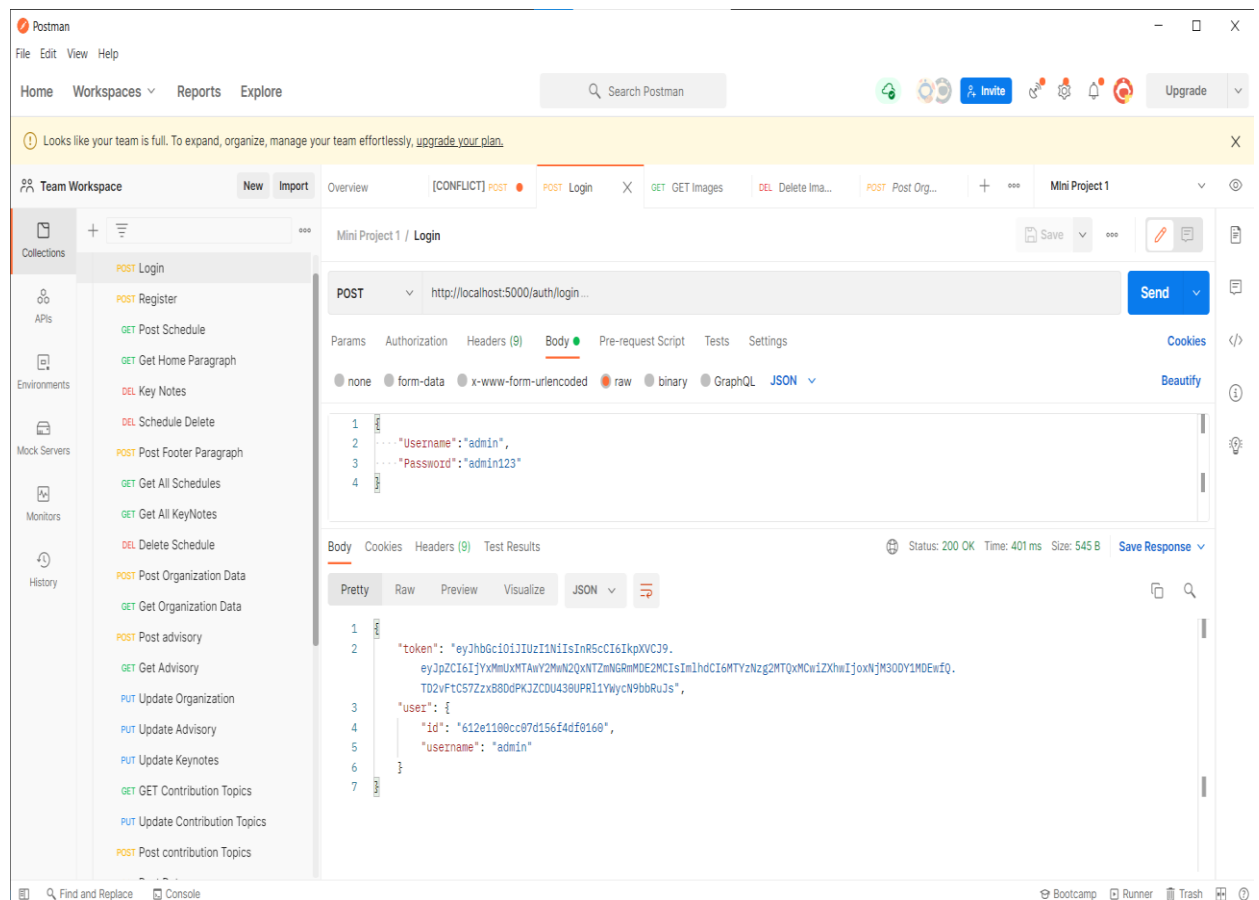
7. Project diagrams



8. Testing (Unit, Integration and System)

Each Api Was Tested individually using Postman And it was also Used As a collaborative tool Between Frontend Developers And Backend Developers.

Snap Shots:



Above Image is a Snapshot Of Login API.

9. Results and Conclusion

Our team has delivered a full-fledged dynamic website for WCE RSC where admin will be able to change contents dynamically through user interface

10. References

- a. <https://acm-developers.github.io/rsc-website-php/index.html>
- b. <http://www.walchandsangli.ac.in/>
- c. <https://nodejs.org/en/docs/>
- d. <https://reactjs.org/docs/getting-started.html>

