**A PBL REPORT**

**OF**

**“BCA CLOUD COMPUTING”**

**IN**

**“RTLT - SAGE UNIVERSITY BHOPAL”**

**SUBMITTED TO**



**SAGE UNIVERSITY**

**BHOPAL (M.P.)**

**SUBMITTED BY UNDER THE SUPERVISION**

**PRIYANSHU GOUR PROFESSOR**

**MR LOKESH SAHU**

**SCHOOL OF COMPUTER APPLICATION**

**SAGE UNIVERSITY, BHOPAL (2022-23)**

**SANJEEV AGRAWAL GLOBAL EDUCATIONAL UNIVERSITY, Bhopal**

**SCHOOL OF ADVANCE COMPUTING**

**DECLARATION**

I **PRIYANSHU GOUR** student of “**Bachelor of Computer Application in Cloud Computing”,** session **2022-23,** hereby informed that the work presented in this project entitled **“RTLT- SAGE UNIVERSITY, BHOPAL”** is the outcome of my own work, is a bonafide and correct to the best of my knowledge and work has been carried out taking care of ethics. The work presented does not infringe any patented work and has not been submitted to any other University or anywhere else.

**Date: Priyanshu Gour**

**Rajul Mewade**

**Place: Bhopal**

**Supervisor Dean/HOS**

**Prof.**

**MR. LOKESH SAHU**

**(Guide)**

**( Bhopal)**

**SANJEEV AGRAWAL GLOBAL EDUCATIONAL UNIVERSITY, Bhopal**

**SCHOOL OF ADVANCE COMPUTING**

**CERTIFICATE**

This is to certify that the work embodies in this project entitled “RTLT- SAGE UNIVERSITY, BHOPAL**”**  being submitted by **PRIYANSHU GOUR, [Enrollment No. 0186CS16MT01]** in partial fulfillment of the requirement for the award of **“Bachelor of Computer Application in Cloud Computing”** to Sage University, Bhopal (M.P) during the academic year **2022-23** is a record of bonafide piece of work, carried out by her/his under my supervision and guidance in the **School of Computer Application, SAGE Bhopal.**

**Supervisor HOS**

**Prof. Mr. Lokesh Sahu**

**(Guide) Dr. Pinaki Ghosh**

**( SSOCA SAGE, Bhopal ) ( SSOCA SAGE, Bhopal )**

**SANJEEV AGRAWAL GLOBAL EDUCATIONAL UNIVERSITY,BHOPAL**

**SCHOOL OF ADVANCE COMPUTING**

**DECLARATION OF PLAGIARISM**

I hereby declare that the work embodies in this project entitled **“RTLT-SAGE UNIVERSITY, BHOPAL”** being submitted by, **PRIYANSHU GOUR, [Enrollment No. 0186CS16MT01]** of **“Bachelor of Computer Application in Cloud Computing”** in **SCHOOL OF COMPUTER APPLICATION**, Bhopal, is an authentic record of my own work carried under the supervision and guidance of

**Prof. Mr. Lokesh Sahu**  and has not been submitted anywhere.

I also declare that “A check for Plagiarism has been carried out on this project report and is found within the accepted limit and report of which is enclosed as annexure I”.

**Priyanshu Gour Supervisor 0186CS16MT01**

**Prof.**

**Rajul Mewade Mr. Lokesh Sahu (Guide)**

**0186CS16MT01**

**SAGE, Bhopal (School of Computer Application, Bhopal)**

**HOS/Dean Signature**

**SANJEEV AGRAWAL GLOBAL EDUCATIONAL UNIVERSITY, Bhopal**

**SCHOOL OF ADVANCE COMPUTING**

**CERTIFICATE OF APPROVAL**

The project entitled **“Project Title”** being submitted by **PRIYANSHU GOUR, [Enrollment No. 0186CS16MT01]** has been examined by us and is hereby approved for the partial fulfillment for the award of **“Bachelor of Computer Application in Cloud Computing”** for which it has been submitted. It is understood that by this approval the undersigned do not necessary endorse or approve any statement made, opinion expressed or conclusion drawn therein but approved the project only for the purpose for which it has been submitted.

**(Internal Examiner) (External Examiner)**

**Prof. Mr. Lokesh Sahu (Guide)**

**(SSOCA,SAGE, Bhopal)**

**SANJEEV AGRAWAL GLOBAL EDUCATIONAL UNIVERSITY, Bhopal**

**SCHOOL OF ADVANCE COMPUTING**

**ACKNOWLEDGEMENT**

It is my proud privilege to present a project on **“RTLT-SAGE UNIVERSITY, BHOPAL”**. I take this opportunity to express deep sense of gratitude and would like to give thanks to my guide, **Prof. Mr. Lokesh Sahu , Bachelor of Computer Application in Cloud Computing**, Bhopal,for their valuable guidance, inspiration and encouragement that has lead to successful completion of this work. I would like to express my heartfelt thanks towards HOS, Dr. Pinaki Ghosh . I would like to express my heartfelt thanks to Dr. Gourav Shrivastava **,** for their valuable suggestions throughout the project work. I could not have accomplished, what I actually have, without their guidance.

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**Mrs. Lakshita Landge** for being a constant source of inspiration. I am also thankful to all faculty members and staff of SSOCA for their suggestion and support.

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Last but not the least, I dedicate my work to almighty God without whose wish and helping hands this work would not have taken the shape it has now and also to my family members whose support and encouragement had led me to complete this task.

**PRIYANSHU GOUR**

**[Enrollment No. 0186CS16MT01]**

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**INTRODUCTION**

**RTLT – SAGE UNIVERSITY, BHOPAL**

1. In this project RTLT(Real Time Location Tracking) person who visit first time this University can access each and every block in simple way by using our website RTLT.
2. By using this website person track location where he/she wants to go like blocks, department, parking area and other place under the University .

**LITERATURE SURVEY**

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1. Some website or apps are also existing like Google Map.
2. But this Website or Project based on particular Sage University Campus to find out each and every blocks, and helpful for those persons who visit University first time.

**OBJECTIVE & MOTIVATION**

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* The objective behind making this project was to make it easy for the newbies to quickly locate the place without much delay , thereby saving their time.
* When we came to the college for the first time we found it difficult to navigate which caused a delay in reaching our desired location.
* Also when we surveyed we were confronted with a fact that students did prank with outsiders and new students, deliberately directing them to other locations, which was directly or indirectly harmful for the reputation of our university.
* This gave us the motivation to start working on this project so that we can help the people whether students or outsiders.

**PROBLEM IDEFINITION & PROPOSED WORK**

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When we came to the college visit 1st time....We were facing many problems like to find out blocks, chambers ,labs etc. In our University. So I thought 💭 that many people are facing this problem. So we surveyed that is actually people faces this problem or not ? And we got this problem was faced by everybody.

So we thought of making it simple. We created a Website for helping those who came to University for the first time .

After thinking of that using HTML, CSS, JAVASCRIPT, BOOTSTRAP and also using some API’s like mapbox, Google, Opencagedata, wheatherapi we created this website.

**SYSTEM REQUIREMENTS**

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* **Operating system : Windows 8 or laterIf system is common**
* **Processor : Intel Pentium 4 or late**
* **Memory : 2 GB minimum, 4 GB recommended**
* **Internet connection : Required**

**CONCLUSION AND FUTURE WORK**

**RTLT – SAGE UNIVERSITY, BHOPAL**

By the use of our website nobody can faces problem in college visits they simply can go anywhere in university without difficulty.

There Is NO More Future Work On This Site.

**REFERENCE**

**RTLT – SAGE UNIVERSITY, BHOPAL**

* (Google Maps API : )

<https://mapsplatform.google.com/mapsproducts/#embed>

* (MapBox Maps API : )

<https://account.mapbox.com/>

* (Opencagedata API : )

<https://opencagedata.com/api#quickstart>

* (Bootstrap Framework : )

<https://getbootstrap.com/docs/5.1/>

* (GoogleMaps : )

<https://www.google.com/maps/@23.1807395,77.5275458,15z>

* (W3school : )

https://www.w3schools.com/

**PLAGIARISM REPORT (Annexure-I)**