# PROJECT REPORT

**On**

# YELPCAMP

## Submitted as partial fulfilment for the award of

**MASTER OF COMPUTER APPLICATION DEGREE**

**SESSION 2021- 2022 By**

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| **Date: 15-05-2022** |  |  |  |  |

# STUDENT DECLARATION

I hereby declare that the work being presented in this report entitled **“YELPCAMP”** is an authentic record of my own work carried out under the supervision of **Mr. TARUN KUMAR SHARMA, ASSISTANT PROFESSOR (Sr. SCALE)**

The matter embodied in this report has not been submitted by me for the award of any other degree.

**Date: 15-05-2022 Signature of Student**

**SAUMYA SHUKLA**

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

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**ABSTRACT**

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This project is designed for use by people to rate and review the places they have visited exactly like we have IMDB for movie ratings and reviews.

It allows visitors to rate the places out of five stars they have visited while they can also write a review on the website. With the help of inbuilt world map it also makes it easy to locate the place on the map.

It allows users to create accounts to post pictures of the campgrounds

**1.1OBJECTIVE**

The main objectives of our project are:

**Platform**: To provide users a platform where they checkout places and read their reviews of make decision of visiting the place.

**Awareness**: To make people aware of their surrounding campgrounds with per night charges and how good or bad they are according to the ratings and reviews provided by the previous visitors and account holders.

**Experience**: To allow people to share experiences of their visit to a particular place which can turn out to be a deciding factor for future visitors to that place.

**1.2 NEED OF PROJECT**

**2.FEASIBILITY STUDY**

**2.1 PROPOSED SYSTEM**

The features and the benefits of the proposed system are : -

1.It includes a registration and login portal for the users.

2. No information is repeated anywhere in memory. This will ensure economical use of storage space and consistency of stored data.

3. Inbuilt responsive world map on the website which allows users to pinpoint the location and provides a good visual experience to the user.

4. This saves a lot of time and money.

5. It makes people aware of the campgrounds which they have not visited but they are planning to visit beforehand **2.2 CURRENT SCOPE**

**3.SOFTWARE SPECIFIC REQUIREMENT**

**Functional requirements:** Functional requirements are used to illustrate the inner workings of the system, describe the system, and explain each subsystem.

It includes the tasks that the system must perform, the processes involved, the data and system must contain, and the interfaces with the users. The functional requirements are defined as:

* Display all the campgrounds to all the visitors on the website.
* Only users who are logged in should be able to create new campgrounds.
* Session should be maintained for the user who is logged in.
* Web application must contain a world map to pinpoint the location of the campground.
* Users should be able to rate from 1 to 5 stars and write a review.
* Any other user should not be able to change other user’s rating or review on a campground.
* Users should be able to upload pictures of the campgrounds.
* Users must mention the per night charges and location of the campground.

Login and Signup functionality in the application.

**Non-Functional Requirements:** Non- Functional Requirementsdescribe aspects of the system related to how the system delivers the functional requirements. That is:

* Security
* Availability
* Ease of use
* Error Handling

**3.1 SPECIFIC REQUIREMENTS**

**3.1.1 FRONTEND**

**Html5**

HTML5 is the latest and most enhanced version of HTML. Technically, HTML is not a programming language, but rather a markup language. In this tutorial, we will discuss the features of HTML5 and how to use it in practice.

**JavaScript**

JavaScriptis a programming language that is one of the core technologies of the word wide web. JavaScript is a scripting or programming language that allows you to implement complex features on apps.

**React Js**

It is a free open source for building  based on UI components. It is maintained by meta (formerly Facebook) and a community of individual developers and companies.

**3.1.2 BACKEND**

**Node Js**

Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.

**Express Js**

Express is a minimal and flexible Node.js web application framework that provides a robust set of features for web and mobile applications.

**Mongo DB**

MongoDB is an open-source document database and leading NoSQL database. MongoDB is written in C++. This tutorial will give you great understanding on MongoDB concepts needed to create and deploy a highly scalable and performance-oriented database.