

# **SOFTWARE REQUIREMENTS SPECIFICATION FOR CEVERSE**

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# 1.INTRODUCTION

## 1.1 Introduction

We are designing a website for a New Charusat CE student to easily access the information about this university.

The basic motto is to help a new comer get efficient information about the department, faculty and lot more. This website helps student to solve their doubts in a easy and relevant way.

## 1.2 Document Conventions

Our information is relevant and on point which adds more value to our website and font selection and reader friendly.

## 1.3 Intended Audience and Reading Suggestions

Our main focused audience is new CE student joining this university. We have Students Corner where he can solve any of his doubts.

## 1.4 Project Scope

The basic motto of this project is to give students a brief about CE department in CSPIT and DEPSTAR Institutes.

The purpose of this website is to give student easy and relevant access about department.

Our website provides all the necessary details needed by the student and help them with their issues and providing them comfort at a new place.

## 1.5 References

Reference has been taken from the official website of Charusat university.

References has also been taken from web designing and development tutorials.

## 2. OVERALL DESCRIPTION

### 2.1 Product perspective

#### ➤ Product Details:

It displays every single detail required for a new student joining CE department in CHARUSAT university. Details are organized in such a way that accessor can easily find it.

#### ➤ Time Efficiency:

Arrangement of Details and flexibility of website are in such a way which helps student save their important time. Faculty, Syllabus, E-Governance, Time table and classrooms everything is made available on the website.

## 2.2 Product Features

### PRODUCTS

- Charusat Campus
- Contact us for Query
- List of College Clubs, Cultural activities.
- Academic Time Table
- Transport Details
- Hostel Details
- Faculty
- Classrooms
- Study Material
- University result
- Academic Fees structure

## 2.3 User Classes and Characteristics

User of system will be having relevant access to the details required for the department he\she joining. Student who is having any issue in the middle of the term is also our considerate factor.

## 2.4 Operating Environment

Operating environment for our website is listed below:

### **Client/server System**

**Operating System:** windows/ Mobile phone.

**Platform:** HTML/CSS/JavaScript.

## 2.5 Design and Implementation Constraints

The point where our website fails is Giving information apart from the CE department. People refereeing our website are strictly to be from the CE department. Students from other department are not our audience.

## 2.6 User documentation

Our website has Contact us for query section and most importantly details about Hostels nearby, Transport availability and Academic Fees Structure.

## 2.7 Assumptions and Dependencies

The main assumption of this project is that the user will be provided with ample information which is easily accessible regarding the following department which will help in get the issues/ doubts solved quickly.

## 3. System Features

### 3.1 Description and priority

- Shows every single details with relevance and reliability.
- User Friendly and portable.
- Give a loving experience to a student recently joined.



## 3.2 Stimulus/ Response Sequences

- Search for every single detail required to be known by the student.
- Displays Home page, faculties, Classrooms, Querie Section, Time table.
- Provides a google form for the Queries and CHARUSAT handles for the Experience outlook.

## 3.3 Functional requirements

- The website should be reader friendly.
- The website should help the new student coming in CHARUSAT university for CE department.
- The website should have relevant information.

## 4. External Interface Requirements

## 4.1 User Interfaces

**Front-end Software:** Visual Studio code, Bootstrap

## 4.2 Hardware interfaces

**Windows**

Browser which supports **CSS, HTML, JavaScript.**

## 4.3 Software Interfaces

Software used	Description
Operating system	We have chosen Windows operating system for its best support and user-Friendliness.
Visual Studio Code	To implement the project we have chosen HTML, CSS, JavaScript language for its more interactive support.

## 4.4 Communications Interfaces

This project supports all Students pursuing CE in CHARUSAT.

Whole website works on communication interfaces because it has features as Contact us for query (Google form).

# 5 Other Non-functional Requirements

## 5.1 Performance Requirements

As the project is web based so there are no specifications for performance but we make sure to provide every short details for our customers.

## 5.2 Software Quality Attributes

- AVAILABILITY: Our Website is available 24\*7
- CORRECTNESS: Details we provide are relevant.
- MAINTAINABILITY: With Time Updating the useful information.
- USABILITY: Limited to CE students.