SOFTWARE ENGINEERING

CS-322

PROJECT REPORT

INTRODUCTION:

NIT Hamirpur is a premier engineering institute located in Himachal Pradesh, India. With a large number of students, faculty, and staff members, it becomes essential to have an efficient way to navigate and access the campus resources. The Campus Guide App is a digital solution that can provide quick and easy access to essential information about the campus.

OBJECTIVES:

The primary objective of the Campus Guide App is to provide a one-stop solution for the students, faculty, and staff members of NIT Hamirpur. The app should provide easy access to the following resources:

- Maps of the campus

- Contact details of various departments

FEATURES:

The following are the essential features of the Campus Guide App for NIT Hamirpur:

- **Campus Maps**: The app should have a detailed map of the campus, including buildings, departments, hostels, and other facilities.

- **Contact Details**: The app should have a directory of all the departments and their respective contact details.
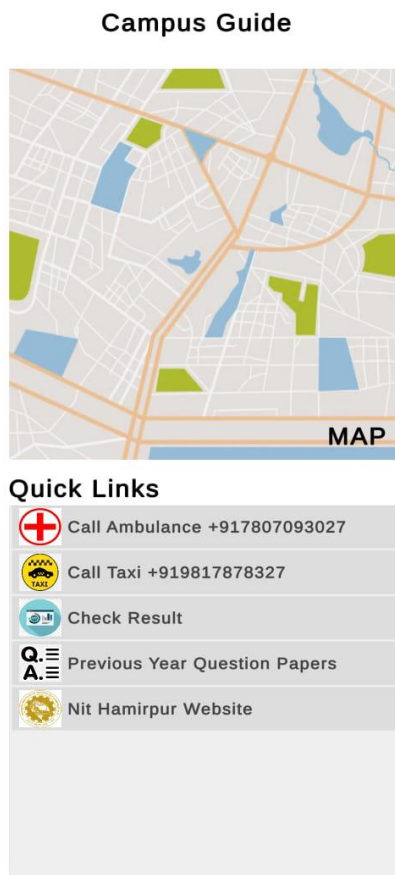
BENEFITS:

The Campus Guide App for NIT Hamirpur would provide the following benefits to the users:

- Easy access to information: The app would provide quick and easy access to essential information about the campus, reducing the time and effort required to find the information.

- Improved navigation: The detailed campus maps would help the users to navigate the campus more efficiently, reducing the chances of getting lost.

- Time-saving: The app would save time for the users by providing a single platform for accessing all the campus resources.

IMPLEMENTATION:

THE CAMPUS GUIDE APPLICATION IS IMPLEMENTED USING UNITY GAME ENGINE. THE WHOLE APPLICATION STRUCTURE STRICTLY FOLLOW OBJECT ORIENTED PROGRAMMING.
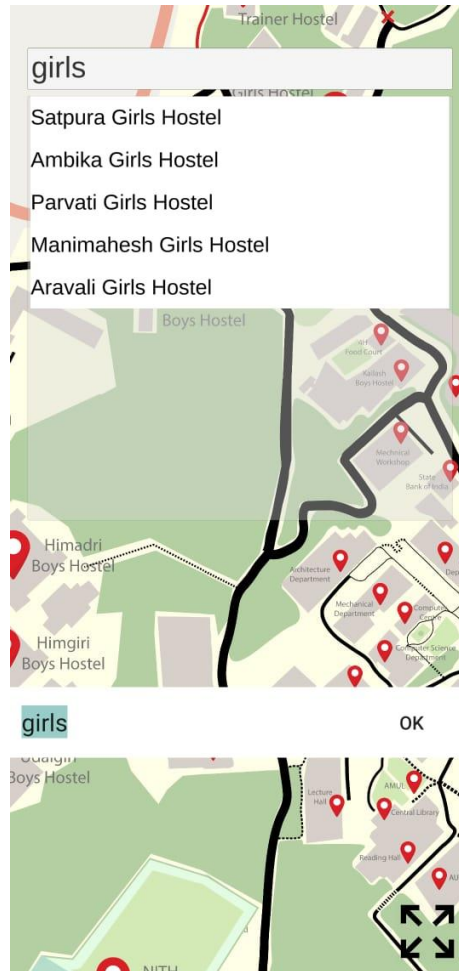
SCREENSHOTS:

Dhauladhar Boys Hostel →

The Dhauladhar Boys Hostel started functioning in 1998. The hostel has 24 triple seated, 91 single seated and 02 guest rooms to accommodate approximately 165 students. Besides this the hostel has a well-furnished Dining Hall, Common Room, Gymnasium, Reading Room and Sick room. The hostel is well equipped with basic facilities like, Geysers, Water Coolers, Deep Freezer, Music System, Plasma T.V., and D.T.H connection etc. The hostel also has Table Tennis table for indoor activity of students. The internet facility is also available in each room of the hostel. A Nescafe booth in front of the hostel premises also provides services in the evening hours to the inmates.

Contacts

Warden - Dr. Sandeep Sharma
Phone - 254822
Email - wardendhauladhar@nith.ac.in

girls

Satpura Girls Hostel

Ambika Girls Hostel

Parvati Girls Hostel

Manimahesh Girls Hostel

Aravali Girls Hostel

girls   OK

CONCLUSION:

THE CAMPUS GUIDE APP FOR NIT HAMIRPUR IS A MUCH-NEEDED SOLUTION FOR THE STUDENTS, FACULTY, AND STAFF MEMBERS OF THE INSTITUTE. THE APP WOULD PROVIDE QUICK AND EASY ACCESS TO ESSENTIAL INFORMATION ABOUT THE CAMPUS, IMPROVING COMMUNICATION AND NAVIGATION. THE APP WOULD ALSO SAVE TIME FOR THE USERS BY PROVIDING A SINGLE PLATFORM FOR ACCESSING ALL THE CAMPUS RESOURCES. THEREFORE, IT IS RECOMMENDED THAT THE INSTITUTE SHOULD INVEST IN THE DEVELOPMENT OF THE CAMPUS GUIDE APP FOR NIT HAMIRPUR.

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