**National University of Computer & Emerging Sciences, Karachi**

**Spring 2023**

**[FAST-NU ADMISSION PORTAL]**

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# Project Summary:

# Fast National University wants to streamline their admissions process by developing an online system that allows prospective students to apply for their undergraduate, graduate and PhD programs in Computer Science. The system requires users to sign up for an account and provide personal information such as their Full name, Address, Contact number and, CNIC number. Once logged in, the users will be asked to select their preferred program and field and will be shown the associated fees, courses and, teachers. To check the eligibility of the applicant, the system will require the percentage grades of their prior education. If the percentage is above 60, the user will be shown a date and time to give an entry test. The user can indicate whether they have already given the entry test and if so, will need to provide their entry test marks. If the entry test marks are above 60, the user will be rewarded admission and their information and Roll no. will be printed.

# Problem Statement:

In Karachi, FAST University is a renowned academic institution. The majority of students are eager to enroll in the university, but since it's situated on a national highway that is far from most students' homes, it is challenging to arrange transportation to the campus. In addition, there is a lengthy wait for admission, and many people who made long trip for the sake of their admission, wait in line, but are still, unable to secure admission on the first day due to the long queue, so they must return the following day. As a result, this program will oversee admittance to FAST university and even allow students to choose their preferred professors in addition to the course of study and their required degree (UG, G OR, PHD).

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# Project Features:

# Feature 1:

An easy and secured login portal and fee payment portal for applicants.

# Explanation:

The applicant will not have to re-enter his details as it will be saved by the Login portal in its first entry. On the other hand, The Payment portal will allow applicant to pay the fees online. Both portals will be a secured place for the users to add their information. This information will be only be accessible by the academic department of the university to check its authenticity.

# Feature 2:

# A methodical, GUI-aided application process

# Explanation:

Instead of being presented with all the information at once, the user will be prompted to input their details and, information will be displayed to them, step-by-step.

# Feature 3:

# The user will have options to select everything.

# Explanation:

# Relevant information will be displayed and the user will be allowed to decide upon their program, courses, academic periods and even, teachers.

# Feature 4:

# Reservations for the Entrance Test and Campus Visit

# Explanation:

Candidates can choose their preferred slot from a schedule showing the available times for campus tours and Entrance exams.

# Feature 5:

# Ease of online submission and confirmation

# Explanation:

The fee challan will be generated and can be paid online. In addition, the student will receive a confirmation and be given a roll number once they have satisfied all admission requirements, and their information will be displayed.