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QCUWAYYS: A Mobile Application to Guide Students of Quezon City University-San Bartolome to Their Destination.

Introduction:

Navigating an unfamiliar place is nerve wracking. Finding specific rooms, offices, or facilities inside large campuses can be difficult for students, especially freshmen and visitors. Traditional ways of navigating such as using maps and asking help from staff or fellow students can be quite a hassle. To eliminate such inefficiency we develop QCUWAYYS, a Mobile Application that can be used by anyone to navigate Quezon City University-San Bartolome with great efficiency.

QCUWAYYS like Google Maps,Waze and other Navigating apps will show you where you are currently at, provide routes and give you a step by step guide on how to get from Point A to Point B. By using this system, students can easily locate classrooms, laboratories, offices, and common facilities through their smartphones.

In conclusion, QCUWAYYS is not just a map, it is a practical solution to a common challenge faced by students and visitors in Quezon City University-San Bartolome. By integrating maps, positioning, and route guidance into a mobile application, the system helps users get to their designated destination right on time.

Objectives:

General Objective: The main objective of this system is to provide users efficient navigation of Quezon City University-San Bartolome Campus

Specific Objectives:
1. To design and develop a mobile application that assists students in navigating QCU buildings.
2. To implement a client-server architecture for managing navigation data and user requests.
3. To provide students with an easy-to-use interface that delivers accurate room-to-room navigation through API-driven data exchange.
4. To improve student experience by reducing time and confusion when finding rooms on campus.

Scope:

1. Step-by-Step Navigation Guide.
2. Location Tracking.
3. Search for specific rooms, offices, and facilities.

Delimitation:

1. The system is limited to indoor navigation within the QCU campus. It does not cover external navigation outside university grounds.
2. The system is only for navigating Quezon City University-San Bartolome Campus. It does not navigate or include the other 2 campuses of Quezon City University.