

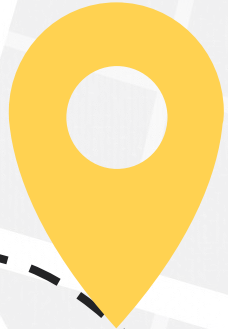


CAMPUS NAVIGATOR

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Introduction

Purpose of the Campus Navigator

- Simplifies campus navigation
- Enhances user experience for students, staff, and visitors

Key Features

- Interactive campus map
- Search functionality for rooms and events
- Detailed room and event information

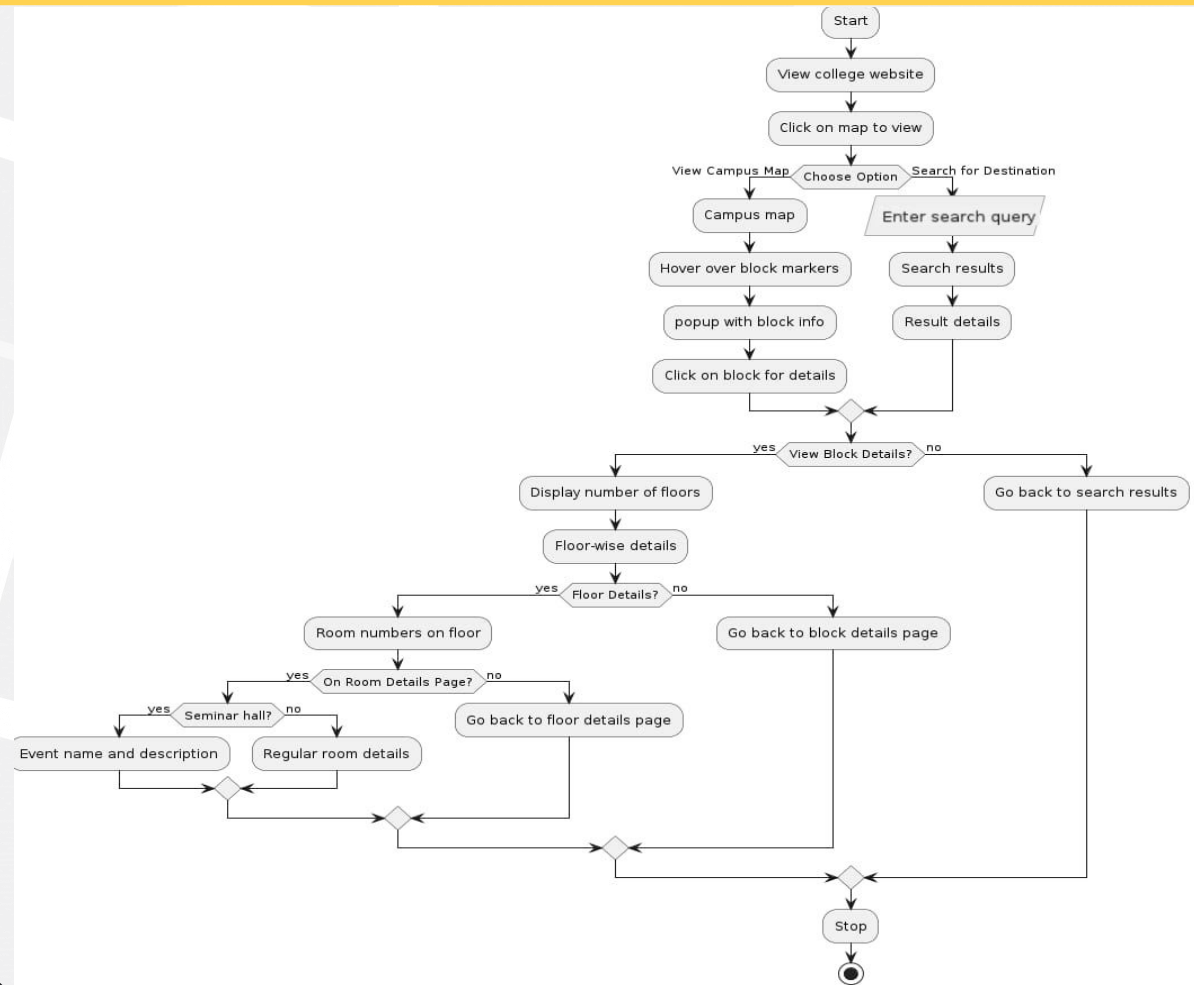
Importance

- Saves time and reduces confusion
- Facilitates easy access to campus facilities



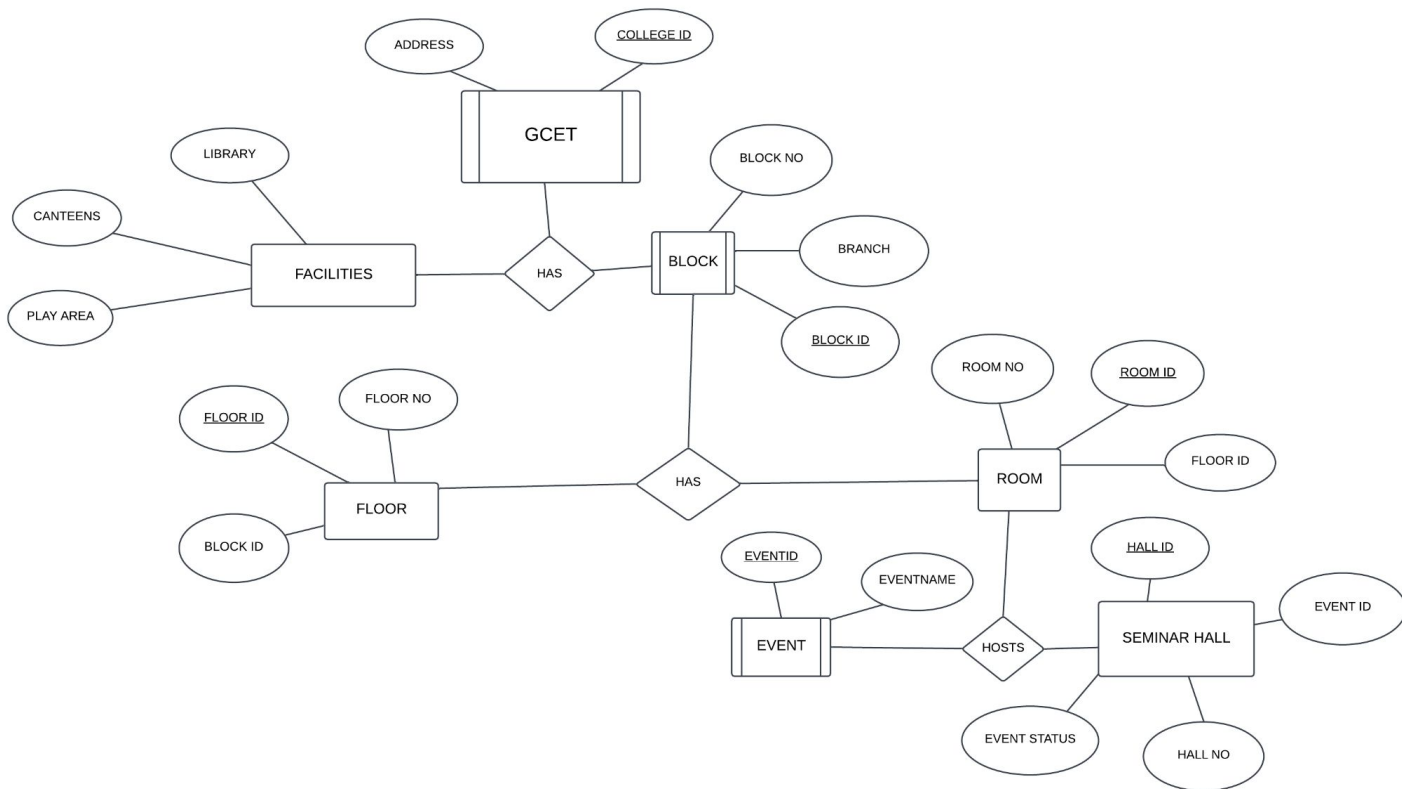
02

Flow chart



03

ER Diagram



Strong Entities:

- COLLEGE
- BLOCK
- ROOM
- HALL

Weak Entities:

- FACULTIES
- LIBRARY
- CANTEEN
- PLAY_AREA
- FLOOR

Derived Attributes:

No derived attributes present

Primary Keys:

- COLLEGE: **College_ID**
- BLOCK: **Block_No**
- ROOM: **Room_No**
- HALL: **Hall_ID**

Foreign Keys:

- FACULTIES, LIBRARY, CANTEEN, and PLAY_AREA have foreign keys referencing BLOCK's **Block_No**.
- FLOOR has foreign keys referencing BLOCK's **Block_No**, ROOM's **Room_No**, and HALL's **Hall_ID**.

04

Conclusion



Flowchart Overview:

- Demonstrates user-friendly navigation
- Details steps from selecting blocks to viewing floor plans and room details

ER Diagram Overview:

- Illustrates database structure
- Organizes information on blocks, rooms, and events
- Supports efficient data management and retrieval

Overall Impact:

- Ensures a seamless user experience
- Facilitates easy access to detailed campus information



**THANK
YOU!**