

Scenario: Campus Navigator App

Sarah, a freshman at a large university, is excited but nervous about navigating her new campus. She downloads the "Campus Navigator" app to help her find her way around. The app promises to help students find buildings, manage their class schedules, locate study spaces, and keep up with campus events.

On her first day, Sarah uses the app to enter her class schedule. She notices the app automatically sets reminders for her classes 15 minutes before they start. While walking to her first class, she uses the app's map feature to guide her to the Biology building. The map shows her current location and the best route to her destination.

Throughout the week, Sarah explores more features of the app. She finds a "Study Spaces" section where she can see available study spots in real-time. The app allows her to filter study spaces by noise level, available resources like printers or whiteboards, and proximity. She bookmarks her favorite quiet study area in the library for easy access later.

Sarah also discovers the "Campus Events" feature, where she can browse upcoming events, workshops, and social gatherings. She RSVPs to a welcome event for new science majors and sets a reminder. The app notifies her of a change in event location two hours before it starts, ensuring she doesn't miss out.

As the semester progresses, Sarah uses the app to join study groups by connecting with other students who have similar classes. She also starts exploring off-campus dining options recommended by the app based on student reviews.

One evening, Sarah realizes she left her biology textbook in a study room. She uses the app to check the room's current occupancy and sees it's empty. She quickly navigates back to retrieve her book, grateful for the app's comprehensive features.

User Stories: Campus Navigator App

1. As a student, I want to enter my current location and destination so that the app can show me the best route.
2. As a student, I want to see my current location on the campus map so that I know where I am.
3. As a student, I want to find the fastest route to my class buildings so that I can arrive on time.
4. As a student, I want to search for campus buildings by name so that I can quickly find where they are located.
- ✓ 5. As a student, I want to enter my class schedule into the app so that I can have it all in one place.
- ✓ 6. As a student, I want to receive reminders for my classes so that I don't forget or miss them.
7. As a student, I want to join study groups for my classes so that I can collaborate with classmates.
- ✓ 8. As a student, I want to view my daily class schedule in the app so that I can plan my day.
9. As a student, I want to see available study spots in real-time so that I can find a place to study.
10. As a student, I want to filter study spaces by noise level so that I can find a quiet or collaborative space according to my needs.
11. As a student, I want to know what resources are available in study spaces (e.g., printers, whiteboards) so that I can choose the best spot.
12. As a student, I want to bookmark my favorite study spaces so that I can quickly find them again.
13. As a student, I want to check the current occupancy of study rooms so that I know if they are available or too crowded.
14. As a student, I want to browse upcoming campus events so that I can participate in campus life.
15. As a student, I want to RSVP to events through the app so that I can keep track of events I'm interested in.
16. As a student, I want to set reminders for events I've RSVP'd to so that I don't forget about them.
17. As a student, I want to receive notifications about changes to event details (e.g., location, time) so that I stay informed.
18. As a student, I want to explore off-campus events recommended by the app so that I can enjoy local activities.

19. As a student, I want to get directions to off-campus locations recommended by the app so that I can explore easily.

✓ 20. As a student, I want to sync my class schedule with my calendar app so that I have an integrated view of my commitments.

✓ 21. As a student, I want to receive notifications if there are changes to my class times or locations so that I can adjust my schedule.

22. As a student, I want to reserve study rooms through the app so that I can ensure space for group work.

23. As a student, I want to see events tailored to my interests so that I can enjoy personalized recommendations.

24. As a student, I want to customize app settings according to my preferences so that I can have a personalized app experience.

25. As a student, I want to access campus emergency contacts through the app so that I can quickly find help if needed.

26. As a student, I want to share event details with friends so that we can attend together.

27. As a student, I want to leave feedback on events and study spaces so that I can share my experience with others.

28. As a student, I want to view the app in dark mode to reduce eye strain during night-time use.

29. As a student, I want to access a list of frequently asked questions about campus life so that I can find information quickly.

30. As a student, I want to use the app without an internet connection so that I can access my schedule and map offline.

Task Instructions: Story Mapping Exercise Using Miro

Objective:

This exercise aims to develop your skills in story mapping by organizing user stories into a structured format that represents the development plan for the "Campus Navigator" app. You will use Miro, an online collaborative whiteboarding platform, to visualize this process.

Steps:

1. Miro Account Setup

- Navigate to [Miro](#) and either sign up for a new account or log into your existing account.

2. Project Initialization

- Create a new project by selecting the option for a blank project within Miro.

3. Template Acquisition

- Access the specific template for the "Campus Navigator" app by visiting the following link: [Campus Navigator App Template](#).
- Import the contents of this template into your blank project, preparing the workspace for your task.

4. Scenario and User Stories Review

- Thoroughly review the provided scenario and the embedded user stories related to the "Campus Navigator" app. This foundational understanding is crucial for accurately categorizing the user stories.

5. Categorization

- Identify and define at least three (3) primary Categories that represent major functional areas within the app, based on the user stories and scenario provided.

6. Sub-categorization

- For each identified Category, further define at least two (2) Sub-categories. These should break down the primary Categories into more specific functional groupings or user goals.

7. Story Mapping

- Strategically place each of the user stories into their respective Categories and Sub-categories within the Miro board. Ensure each story is positioned according to its relevance and priority within the app's development plan.

8. Release Planning

- Utilize your understanding of the app's requirements and your intuition to define potential releases for the app. Group user stories into release sets that logically fit together for sequential development phases.

Submission Requirements:

- Ensure that your Miro board clearly depicts the Categories, Sub-categories, and the placement of user stories as per the instructions.
- Share a link to your completed Miro board as part of your lab submission. Ensure that the sharing settings allow for viewing by your instructor.