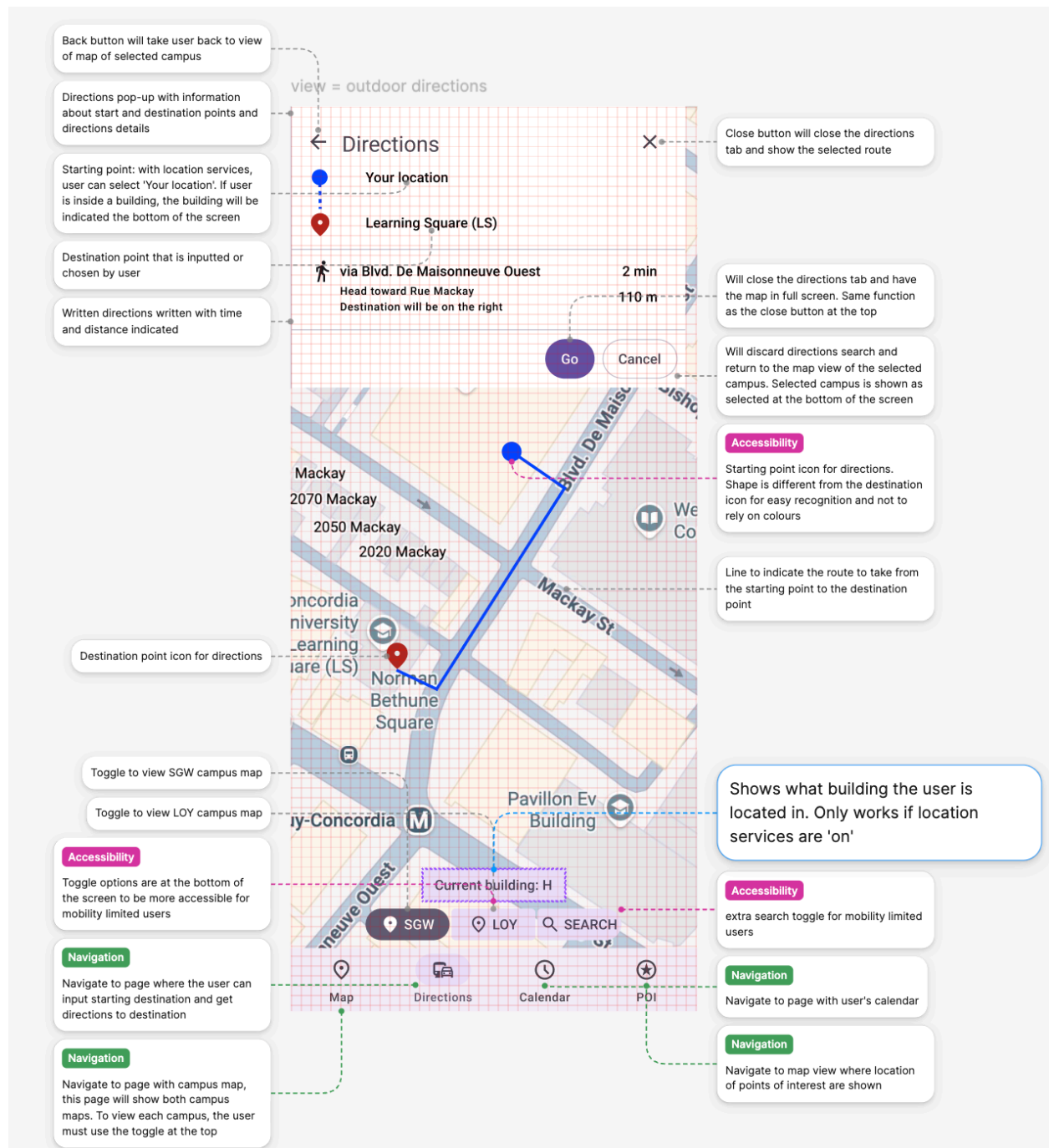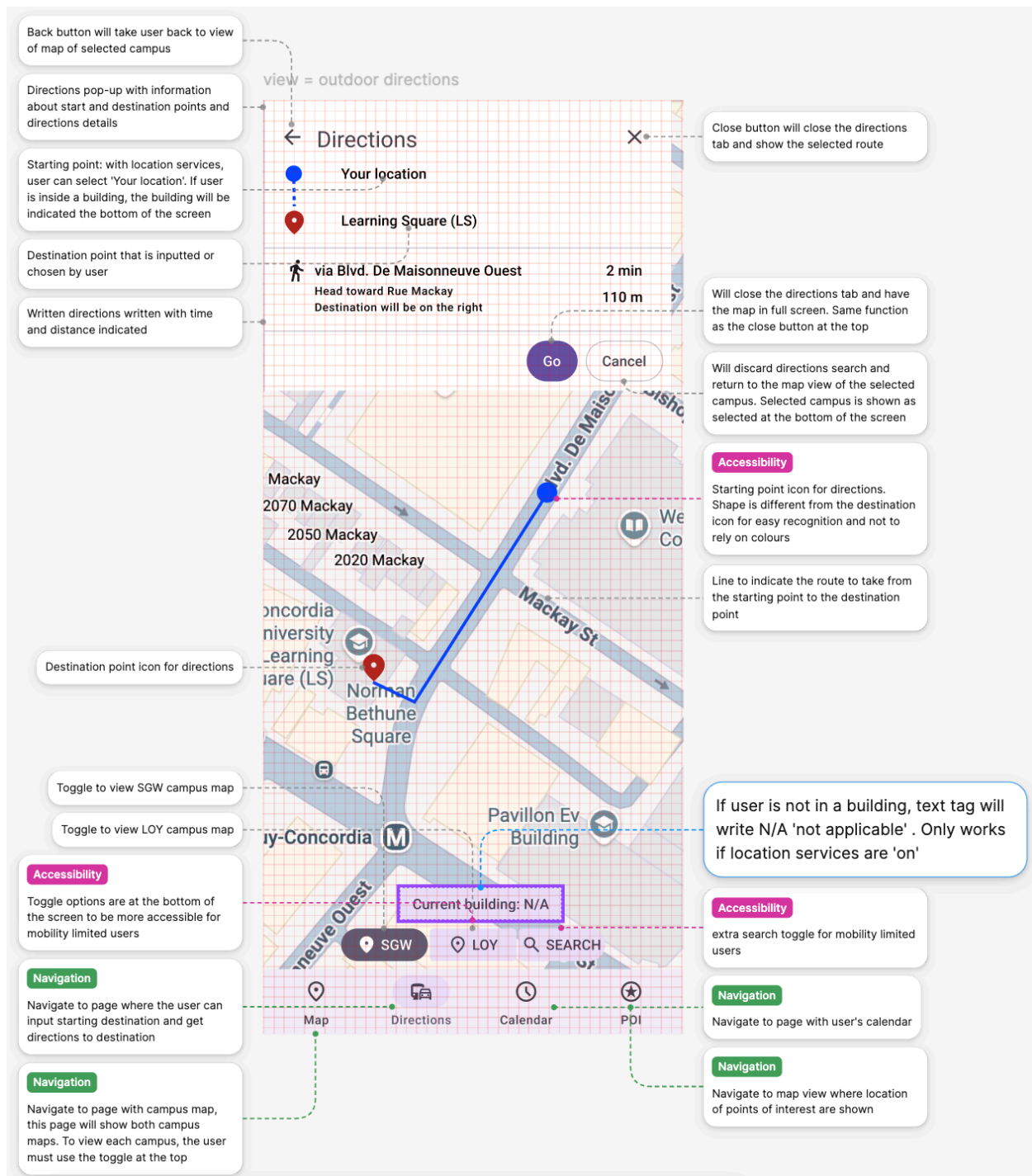# US-1.4 — Show the building the user is currently located in

Personas: Sarah Chen (regular student), Alex Thompson (new student/visitor), Jordan Martinez (student with disability), Yuki Tanaka (international student), Dr. Robert Kim (faculty/staff)

- Given location permission is granted and location services are enabled, when the user is inside a building polygon in the selected campus dataset, then the app displays the building identifier/name as "Current building".
- The "Current building" indicator updates when the user moves from one building polygon to another (after location updates).

Back button will take user back to view of map of selected campus

Directions pop-up with information about start and destination points and directions details

Starting point: with location services, user can select 'Your location'. If user is inside a building, the building will be indicated the bottom of the screen

Destination point that is inputted or chosen by user

Written directions written with time and distance indicated

Destination point icon for directions

Toggle to view SGW campus map

Toggle to view LOY campus map

Accessibility

Toggle options are at the bottom of the screen to be more accessible for mobility limited users

Navigation

Navigate to page where the user can input starting destination and get directions to destination

Navigation

Navigate to page with campus map, this page will show both campus maps. To view each campus, the user must use the toggle at the top

view = outdoor directions

← Directions   ✕

● Your location

📍 Learning Square (LS)

🚶 via Blvd. De Maisonneuve Ouest   2 min
Head toward Rue Mackay   110 m
Destination will be on the right

Go   Cancel

Mackay
2070 Mackay
2050 Mackay
2020 Mackay

Concordia
University
Learning
Square (LS)

Norman
Bethune
Square

Pavillon Ev
Building

y-Concordia Ⓜ

Current building: H

● SGW   ○ LOY   🔍 SEARCH

📍 Map   🚗 Directions   🕐 Calendar   ⭐ POI

Close button will close the directions tab and show the selected route

Will close the directions tab and have the map in full screen. Same function as the close button at the top

Will discard directions search and return to the map view of the selected campus. Selected campus is shown as selected at the bottom of the screen

Accessibility

Starting point icon for directions. Shape is different from the destination icon for easy recognition and not to rely on colours

Line to indicate the route to take from the starting point to the destination point

Shows what building the user is located in. Only works if location services are 'on'

Accessibility

extra search toggle for mobility limited users

Navigation

Navigate to page with user's calendar

Navigation

Navigate to map view where location of points of interest are shown

If the user's location is not inside any building polygon, the app displays a clear "Not inside a mapped building" (or equivalent) state.

Back button will take user back to view of map of selected campus

Directions pop-up with information about start and destination points and directions details

Starting point: with location services, user can select 'Your location'. If user is inside a building, the building will be indicated the bottom of the screen

Destination point that is inputted or chosen by user

Written directions written with time and distance indicated

Destination point icon for directions

Toggle to view SGW campus map

Toggle to view LOY campus map

Accessibility

Toggle options are at the bottom of the screen to be more accessible for mobility limited users

Navigation

Navigate to page where the user can input starting destination and get directions to destination

Navigation

Navigate to page with campus map, this page will show both campus maps. To view each campus, the user must use the toggle at the top

view = outdoor directions

← Directions   ✕

● Your location

📍 Learning Square (LS)

🚶 via Blvd. De Maisonneuve Ouest   2 min
Head toward Rue Mackay   110 m
Destination will be on the right

Go   Cancel

Mackay
2070 Mackay
2050 Mackay
2020 Mackay

oncordia
niversity
earning
uare (LS)

Norman
Bethune
Square

Pavillon Ev
Building

y-Concordia Ⓜ

Current building: N/A

📍 SGW   ◎ LOY   🔍 SEARCH

◎   🔀   🕐   ★
Map   Directions   Calendar   PDI

Close button will close the directions tab and show the selected route

Will close the directions tab and have the map in full screen. Same function as the close button at the top

Will discard directions search and return to the map view of the selected campus. Selected campus is shown as selected at the bottom of the screen

Accessibility

Starting point icon for directions. Shape is different from the destination icon for easy recognition and not to rely on colours

Line to indicate the route to take from the starting point to the destination point

If user is not in a building, text tag will write N/A 'not applicable' . Only works if location services are 'on'

Accessibility

extra search toggle for mobility limited users

Navigation

Navigate to page with user's calendar

Navigation

Navigate to map view where location of points of interest are shown

If location permission is denied or location is unavailable, the app displays a clear message indicating location is unavailable and does not crash.

view = outdoor directions [no location]

Location is unavailable

An error occurred while trying to use location services. Please turn on location services in settings.

Exit

Error popup if location is not found

Accessibility

Text support

Exit button will lead users back map view

Toggle to view SGW campus map. Darken to show that SGW campus is selected

Toggle to view LOY campus map

Accessibility

Toggle options are at the bottom of the screen to be more accessible for mobility limited users

Navigation

Navigate to page where the user can input starting destination and get directions to destination

Navigation

Navigate to page with campus map, this page will show both campus maps. To view each campus, the user must use the toggle at the top

Current building: N/A

SGW   LOY   SEARCH

Map   Directions   Calendar   POI

Accessibility

extra search toggle for mobility limited users

Navigation

Navigate to page with user's calendar

Navigation

Navigate to map view where location of points of interest are shown