SCENARIOS

CASE NAME: Login

Summary: System confirms user is either a student, faculty, or staff member at SXU (or webmaster).

Actor: Student, faculty, staff, or webmaster (USER)

Precondition: App is idle, showing SXU's login screen.

Main Sequence:

1. User enters email
2. User enters password
3. User hits "login" button
4. User checks "Keep me logged in button" (Doing so will not require login again unless the app is not used within a month)
5. If the login is correct, the user is now able to access the home screen and see parking availability.

Alternative Sequences:

Step 3: If login is incorrect, the user will be notified and is prompted to try again.
Step 4: If user does not check the "Keep me logged in button", user will be asked to login again if they close the app.

CASE NAME: View Number of Empty Spots

Summary: System provides information on parking availability given user controls (input)

Actor: Student, faculty, staff

Precondition: User must have successfully logged in

Main Sequence:

1. User pinches screen outwards (zoom in) to focus on a specific lot.
2. User taps specific lot
3. Show a new screen that generates a more detailed version of the lot (with drawn out spaces marked with either a red 'X' for unavailable and a green filled rectangle for available).
4. User taps star icon to save the lot to their list of favorite lots. (Lot name now appears with a star after it)

Alternative Sequences:

Step 2: If user does not tap lot, keep updating the number of available spots for the lots shown on the screen.

Step 4: If user does not tap the star icon, don't list the specific lot as a favorite.

CASE NAME: Check Camera Feed (WEBMASTER ONLY)

Summary: System provides controls to view live camera feed remotely

Actor: Webmaster

Precondition: User must have successfully logged in

Main Sequence:

1. Webmaster clicks/taps eye icon on home screen
2. Webmaster clicks/taps "VIEW CAMERA FEED"
3. Webmaster is prompted a form
4. Webmaster in text box reason for viewing camera feed
5. Webmaster reads Privacy Violation Warning
6. Webmaster checks box confirming they read the Privacy Violation Warning
7. Webmaster types in e-Signature
8. Webmaster clicks/taps submit button
9. System checks if all text boxes are filled, and the check box is checked
10. If the form entry is valid, display live camera feed of full map
11. Webmaster can zoom in into the feed to view more closely

Alternative Sequences:

Step 4: If text box if not filled, warn user with a message next to the text box
Step 6: If the box is not checked, warn user with a message next to the text box
Step 7 If text box if not filled, warn user with a message next to the text box
Step 9: If the form is not valid, do not let user submit form and display error message

CASE NAME: Program Diagnosis/Troubleshoot System (WEBMASTER ONLY)

Summary: System provides controls to provide maintenance to system remotely (run a program diagnosis manually)

Actor: Webmaster

Precondition: User must have successfully logged in

Main Sequence:

1. Webmaster clicks/taps wrench icon on home screen
2. Webmaster clicks/taps "PROGRAM DIAGNOSIS"
3. Webmaster clicks/taps "Run Program Diagnosis"
4. System shows loading screen with a cancel button
5. When program diagnosis is finished, system shows webmaster results
6. Webmaster hits "Apply fixes"
7. System shows loading screen
8. When fixes are finished, system alerts webmaster that the fixes have finished

9. Webmaster hits "Done" button
10. Webmaster is sent back to "Program Diagnosis / Troubleshoot" screen

Alternative Sequences:

Step 4: If webmaster hits "Cancel" button, diagnosis process is terminated, and webmaster is sent back to "Program Diagnosis / Troubleshoot screen"

CASE NAME: Program Diagnosis/Troubleshoot System (WEBMASTER ONLY)

Summary: System provides controls to provide maintenance to system remotely (reset cameras)

Actor: Webmaster

Precondition: User must have successfully logged in

Main Sequence:

11. Webmaster clicks/taps wrench icon on home screen
12. Webmaster clicks/taps "RESET CAMERAS"
13. System asks users to re-confirm resetting cameras with a login
14. Webmaster enters email
15. Webmaster enters password
16. Webmaster hits "Submit"
17. System displays that login is successful
18. System shows loading screen with a cancel button
19. When re-setting cameras is finished, system prompts user that re-setting cameras has finished
20. Webmaster hits "Done" button
21. Webmaster is sent back to "Program Diagnosis / Troubleshoot" screen

Alternative Sequences:

Step 6: If login is incorrect, the webmaster will be notified and is prompted to try again.
Step 8: If webmaster hits "Cancel" button, re-setting process is terminated, and webmaster is sent back to "Program Diagnosis / Troubleshoot screen"