

Software Requirements Specification-Revision 2

Functional Specs	Section	Subsection	Description	Priority	Assignment-Front End	Assignment-Back End		
	1	0	Splash Screen/Program Startup	Average≈2				
	1	1	Splash screen shall appear on program startup	1	Ishwari, Jon R	-		
	1	2	Splash screen shall display an image	1	Ishwari, Jon R	-		
	1	3	Splash screen shall display a progress bar	3	Ishwari, Jon R	-		
	1	4	Splash screen shall indicate if the user is logged in	3	Ishwari, Jon R	-		
	1	5	During startup the program shall check if it has access to user location	1	-	Devin, Jeremy		
	1	6	If the program does not have access to location it shall prompt the user for access	1	-	Devin, Jeremy		
	1	7	During startup, the program shall check for available updates	3	-	Devin, Jeremy		
	1	8	Splash screen shall occupy the entire screen	1	Ishwari, Jon R			
	2	0	Login	Average≈3				
	2	1	A login request overlay shall be displayed after splash screen	3	Ishwari, Jon R	-		
	2	2	The login request overlay shall allow the user to sign up	3	Ishwari, Jon R	-		
	2	3	The login request overlay shall allow the user to sign in	3	Ishwari, Jon R	-		
	2	4	The login request overlay shall allow the user to use the app without signing in or signing up	3	Ishwari, Jon R	-		
	2	5	The app shall not save any user data if the user chooses to not sign in	2	-			
	2	6	The login request overlay shall ask the user to remember them	3	-			
	3	0	Main Screen	Average≈1				
	3	1	The main screen shall open displaying the current location	1	Ishwari, Jon R	John C, Luis		
	3	2	The display of the current location shall be done with the google teardrop marker	1	Ishwari, Jon R	John C, Luis		
	3	3	If the user has not allowed location information to be accessed, the default location shall be used	1	-	John C, Luis		
	3	4	The main screen shall have an action bar	1	Ishwari, Jon R	John C, Luis		
	3	5	The action bar shall have an overflow icon	1	Ishwari, Jon R	John C, Luis		
	3	6	Clicking the overflow icon shall produce a menu of options	2	Ishwari, Jon R	John C, Luis		
	3	7	There shall be a layers icon in the main screen action bar	2	Ishwari, Jon R	John C, Luis		
	3	8	Tapping on the screen when the overflow menu is open shall close the overflow menue	1	Ishwari, Jon R			
	3	9	The action bar shall have a 'Parked' icon	1	Ishwari, Jon R			
	3	10	Selecting the parked icon shall indicate if the person is parked in a particular location	1	Ishwari, Jon R			
	3	11	When the parked icon is clicked, the parking information overlay shall appear	1	Ishwari, Jon R			
	3	12	When the parked icon is clicked, the parked icon shall change to indicate currently parked	1	Ishwari, Jon R			
	3	13	When the currently parked icon is clicked, the parking information overlay shall disappear	1	Ishwari, Jon R			
	3	14	When the currently parked icon is clicked, the currently parked icon shall revert to the parked icon	1	Ishwari, Jon R			
	4	0	Parking Information Overlay	Average≈1				
	4	1	The parking information overlay shall display information about the current parking location	1	Ishwari, Jon R	John C, Luis		
	4	2	The parking information overlay shall indicate a safety rating	3	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	3	The parking information overlay shall indicate if there are parking restrictions	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	4	The parking information overlay shall clearly display a warning parking space below a minimum safety	3	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	5	The parking information overlay shall clearly display a warning when the parking space's time restriction is below the time level	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	6	The parking information overlay shall clearly display when no information is available	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	7	The parking information overlay shall be able to be minimized	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	8	When minimized the parking information overlay shall display the message that the user is parked	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	9	When minimized the parking information overlay shall display the time the user has been parked	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	4	10	When clicked the parking information overlay shall display the full parking information overlay	1	Ishwari, Jon R	Kevin, Devin	Devin, Jeremy	
	5	0	Layers	Average≈3				
	5	1	There shall be information layers overlaid onto the map	2	Ishwari, Jon R	John C, Luis		
	5	2	There shall be a parking likelihood rating layer	2	Ishwari, Jon R			
	5	3	There shall be a parking restriction layer	2	Ishwari, Jon R			
	5	4	There shall be a parking safety layer	3	Ishwari, Jon R			
	5	5	There shall be a parking structure layer	3	Ishwari, Jon R			
	5	6	Layers shall be able to be individually turned on	2	Ishwari, Jon R	John C, Luis		
	5	7	Layers shall be able to be individually turned off	2	Ishwari, Jon R	John C, Luis		
	5	8	The graphics of each layer shall be such that they will harmonize with other layers	2	Ishwari, Jon R	John C, Luis		
	6	0	Search	Average=2				
	6	1	The user shall be able to enter a location into a search bar	2	Ishwari, Jon R	John C, Luis		
	6	2	The main screen will search for the location entered if chosen by the user	2	Ishwari, Jon R	John C, Luis		
	6	3	If the location is outside the area for which there is information, the user shall be notified	2	Ishwari, Jon R	John C, Luis		
	7	0	Settings	Average≈2				
	7	1	There shall be a separate settings page (Activity)	2	Ishwari, Jon R			
	7	2	Settings shall be unique to each user signed in	3	Ishwari, Jon R			
	7	3	There shall be a default user settings when the user is not signed in	2	Ishwari, Jon R			
	7	4	There shall be a default location icon	2	Ishwari, Jon R	John C, Luis		
	7	5	There shall be an option for minimum safety rating	3	Ishwari, Jon R			
	7	6	There shall be a default time window for time restriction warnings.	2	Ishwari, Jon R			
	7	7	Audio feedback shall be optionally enabled	2	Ishwari, Jon R			
General Assignments		Name						
Front End-Data Display		Ishwari, Jon R						
Maps-Data Sourcing		John C, Luis						
Parking-Data Sourcing		Kevin, Devin						
Data Store-Data Processing		Devin, Jeremy						