

MyApp	
Disables Debug Banner	
General Theme Data	
Sets routes to each individual screens	

WelcomeScreen	
User can register for account	RegistrationScreen
User can login to their account	LoginScreen

LoginScreen	
Constructs UI	
User signs up using their information	LoginScreen

Profile	
Change profile picture	ProfileHeader
Change user information	ProfileBody

ProfileHeader	
Change profile picture	

ProfileBody	
Change user information	

RegistrationScreen	
Input field for user name	
Input field for user email	
Input field for user mobile number	
Input field for user password	

csuf_map	
Imports maps from google to display free parking	
Builds widget to access nearby parking	
Built in class that creates heirarchy of information	Navigator
Enables zooming feature	Photoview

Home	
Constructs UI for user login via Firebase authorization	
Instantiates Home screen widget	Home
Calls Firebase DB and loads user preferences	_HomeState
Retrieves user profile	getCurrentUser
Retrieves user information from SharedPreferences.	readLocal
Asks if users wish to exit the application	_onWillPop
Handles exit, returns login screen	WillPopScope

HomeBody	
Constructs widget with user information from Home class.	
Instantiates home	HomeBody
Provides CSUF free parking maps, booking, release, request, and swap widgets options	_HomeBodyState
Asks for confirmation upon user pushing cancel button on _HomeBodyState class	_handleCancel
Fulfills cancel request and updates Firestore database	_cancel

Swap	
Creates the Swap interface and updates database	
Information is updated and displayed	ContactCard
Allows the completion of swap and exits the screen	_handleFinish
Opens calling screen for swapping users.	_handleCall
Allows access to messaging scren.	_handleMessage
Opens access to messaging screen.	_handleNavigation
Facilitates _handle functions	_launchStatus
Facilitates launch of valid URL	_evaluateUrl
Validates URL locations are within applications scope	getUrlLocation

DrawerNavigation	
Creates a widget that allows users to signout. reach settings, and adjust profile	
Instantiates widget	DrawerNavigation
Handles users profile content	_DrawerNavigationState
Calls SharedPreferences to display id, photo	readLocal()
Allows user to signout	handleSignout

Settings	
Instantiates settings widget that provides users access to profile settings, dynamic theme options, and sign out option. Facilitates options found in drawer class.	
Creates the widget	Settings
Sets application default states to notification and dynamic themes	_SettingsState

GetRequest	
Facilitates Release class by providing screen with users requesting your parking spot	
Instantiates UI widget with user name, id, and photo	GetRequest
Updates states of requesting users	_GetRequestState
Gets user information	readLocal

Release	
Instantitates Release widget. Release provides users with parking structures images and option to relinquish parking space	
Creates the widget	Release
Facilitates for users input with UI and releases parking space	_ReleaseState
Initializes the states of Slide Cards	SlidingCardsState
Instantiates card and places parking structure content for UI	SlidingCard

InputParkingData	
Handles the information inputs while monitoring state changes for the Release functions	
Instantiates the widget	InputParkingData
Updates the release status and syncs to database and displays to user	_handleRelease
Sets time windows for release functions	_showTimePicker

AcceptCard	
Facilitates Release class by providing screen with users in search of parking	
Instantiates widget with Booking user name, id, and photo	AcceptCard
Creates confirmation screen after user accepts booking request	_AcceptCardState
Allows user to reject booking request	_handleReject