

PlantBuddyApplication	
<ul style="list-style-type: none">Shows the UIWhen My Plants is selected, show all of the users owned plantsWhen Statistics is selected, show all the history of the user's plants	<ul style="list-style-type: none">UserMyPlantsViewPlantStatistics View

User	
<ul style="list-style-type: none">Has a usernameHas a passwordCan change username or password once logged inKnows plants that they own	<ul style="list-style-type: none">UserDatabase

MyPlantsView	
<ul style="list-style-type: none">Aggregate all of a user's plants to show a list of the users plants	<ul style="list-style-type: none">PlantObjectUser

PlantObjectView	
<ul style="list-style-type: none">Displays plant informationDisplays possible plant modifications	<ul style="list-style-type: none">PlantObject

PlantObject	
<ul style="list-style-type: none">Knows the type of plantKnows the custom name of the plantKnows historical progress of plantCan have information modifiedCan be manually watered	<ul style="list-style-type: none">PlantModifierPlantStatistics ViewUser

PlantModifier	
<ul style="list-style-type: none">Changes the name of a specific user's plantCan delete the plantCan toggle the manual watering of plant	<ul style="list-style-type: none">PlantDatabase

PlantDatabase	
<ul style="list-style-type: none">Knows all plants of all usersCan have modification requestsCan remove itemsCan communicate that a plant needs manual watering	<ul style="list-style-type: none">User

PlantStatisticsView	
<ul style="list-style-type: none">Displays a graph of historical data for all plants: temperature, moisture and humidity	<ul style="list-style-type: none">PlantObjectPlantStatistics FetcherUser

PlantStatisticsFetcher	
<ul style="list-style-type: none">Gets from the database the data of a plant on past days	<ul style="list-style-type: none">PlantStatistics DatabaseUser

PlantStatisticsDatabase	
<ul style="list-style-type: none">Knows data of a plant on past days	<ul style="list-style-type: none">PlantStatistics DatabaseUser

UserDatabase	
<ul style="list-style-type: none">Knows usernames of usersKnows passwords of users	

OptimalPlantLevelsDatabase	
<ul style="list-style-type: none">Knows best humidity level for each plant typeKnows best moisture level for each plant type	

PlantBuddyRPI	
<ul style="list-style-type: none">Posts average readings to PlantStatisticsDatabaseGets optimal levels for the plant type from OptimalPlantLevelsDatabaseTells PlantBuddy Arduino to water plantGets readings from Arduino	<ul style="list-style-type: none">PlantBuddyArduinoUserPlantStatisticsData baseOptimalPlantLevels DatabasePlantDatabase

PlantBuddyArduino	
<ul style="list-style-type: none">Receives water requests from RPIReads data from sensorsSends readings to RPI	<ul style="list-style-type: none">PlantBuddyRPI