Use Case ID:	1.1		
Use Case Name:	Find out the humidity of the locations		
Created By	Bekir Yörük	Last Updated By	
Date Created	14.03.2022	Date Last Updated	
Actor	User		
Description	User sees the humidity of the locations.		
Precondition	User must have opened the website.		
Postcondition	User sees the humidity of the place she/ he clicks on the screen.		
Priority	High		
Frequency of Use	This use case will perform to depend on users' requests.		
Normal Couse of Events	1. User opens the web page. 2. User selects a city. 3. User selects a district. 4. The humidity of the location is displayed.		
Alternative Courses	-		
Exceptions	1. Problems in connection to internet 2. Missing inputs		
Includes	-		
Special Requirements	-		
Assumptions	Assuming there is no problem in API connection.		
Notes and Issues	According to updates in regulation system can be changed.		

Use Case ID:	1.2	
Use Case Name:	Find out when is the optimum time to plant	
Created By	Bekir Yörük	Last Updated By	
Date Created	26.03.2022	Date Last Updated	
Actor	User	
Description	User is informed about the time periods when his/ her land may be most suitable for planting.	
Precondition	User must install the application.	
Postcondition	User must be informed.	
Priority	High	
Frequency of Use	This use case will perform to depend on users' requests.	
Normal Couse of Events	1. User opens application. 2. User chooses a location. 3. The modal about the humidity of the place and the most suitable time for planting appears on the screen. 4. User closes the modal.	
Alternative Courses	-	
Exceptions	1. Problems in connection to internet 2. Missing inputs	
Includes	-	
Special Requirements	-	
Assumptions	Assuming there is no problem in API connection.	
Notes and Issues	According to updates in regulation UX-UI can be changed.	

Use Case ID:	1.3		
Use Case Name:	Find out what kinds of plants can be grown at a specific humidity level.		
Created By	Bekir Yörük	Last Updated By	
Date Created	26.03.2022	Date Last Updated	
Actor	User		
Description	User is informed about the many types of plants she/ he can grow.		
Precondition	1. User must install the application. 2. The tool must be run by the user.		
Postcondition	User must be informed		
Priority	High		
Frequency of Use	This use case will perform to depend on users' requests.		
Normal Couse of Events	1. User opens application 2. User clicks "My Tool" button. 3. User selects a tool 4. Information text about what kind of plants can be planted in that location is displayed.		
Alternative Courses	-		
Exceptions	1. Problems in connection to internet.		
Includes	-		
Special Requirements	-		
Assumptions	Assuming there is no problem in API connection.		
Notes and Issues	According to updates in regulation UX-UI can be changed.		

Use Case ID:	1.4
Use Case Name:	User get notification

Created By	Burak Tutumlu	Last Updated By	
Date Created	26.03.2022	Date Last Updated	

Actor	User
Description	User receives notification about moisture level and best time for planting
Precondition	1. Collection of temperature and humidity data. 2. Analyzing the collected data. 3. Notifying the user of information that will increase soil fertility.
Postcondition	User must be informed
Priority	High
Frequency of Use	This use case will perform to depend on users' requests.
Normal Couse of Events	1. User opens application or not 2. Notification sends to user.
Alternative Courses	-
Exceptions	1. Problems in connection to internet.
Includes	-
Special Requirements	-
Assumptions	Assuming there is no problem in API connection. User must install the application.
Notes and Issues	According to updates in regulation UX-UI can be changed.