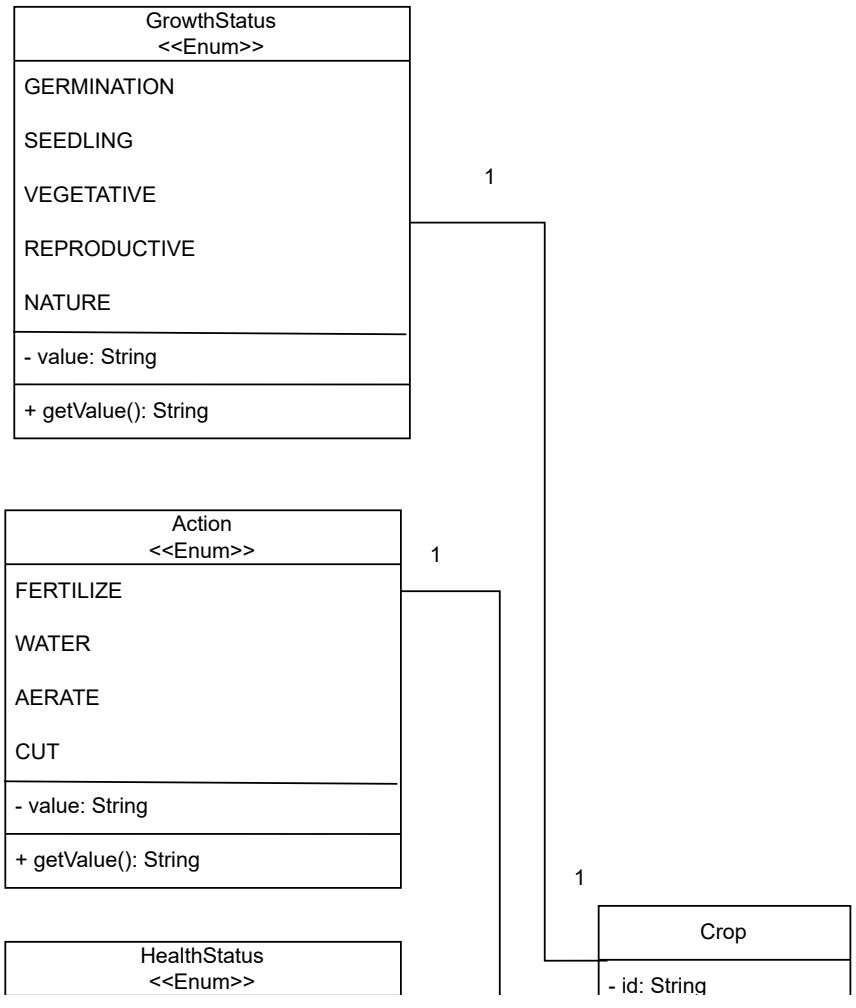
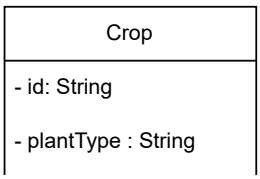
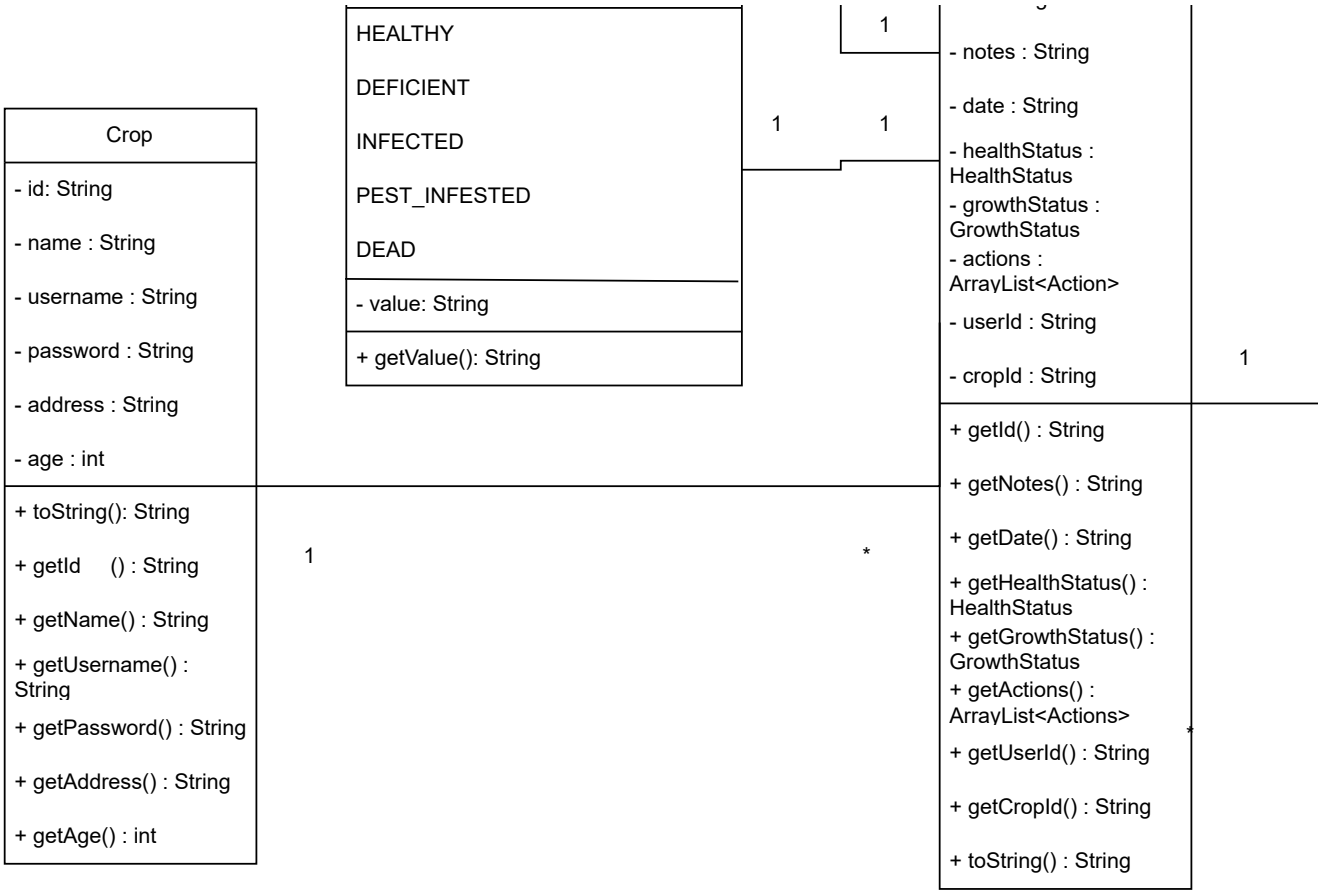
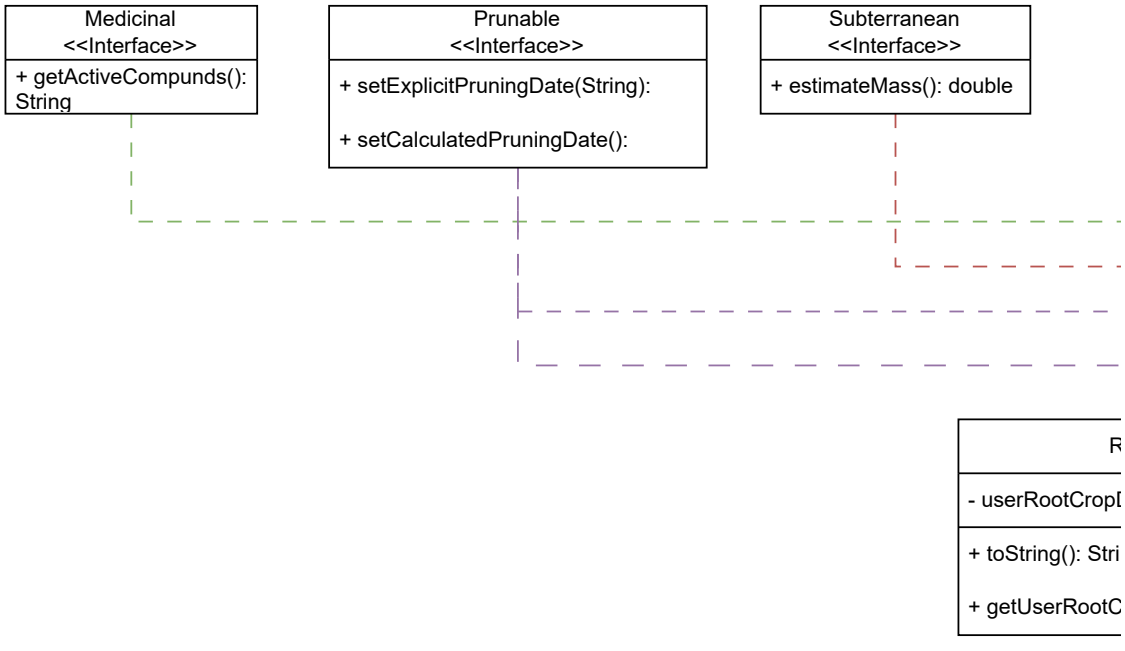
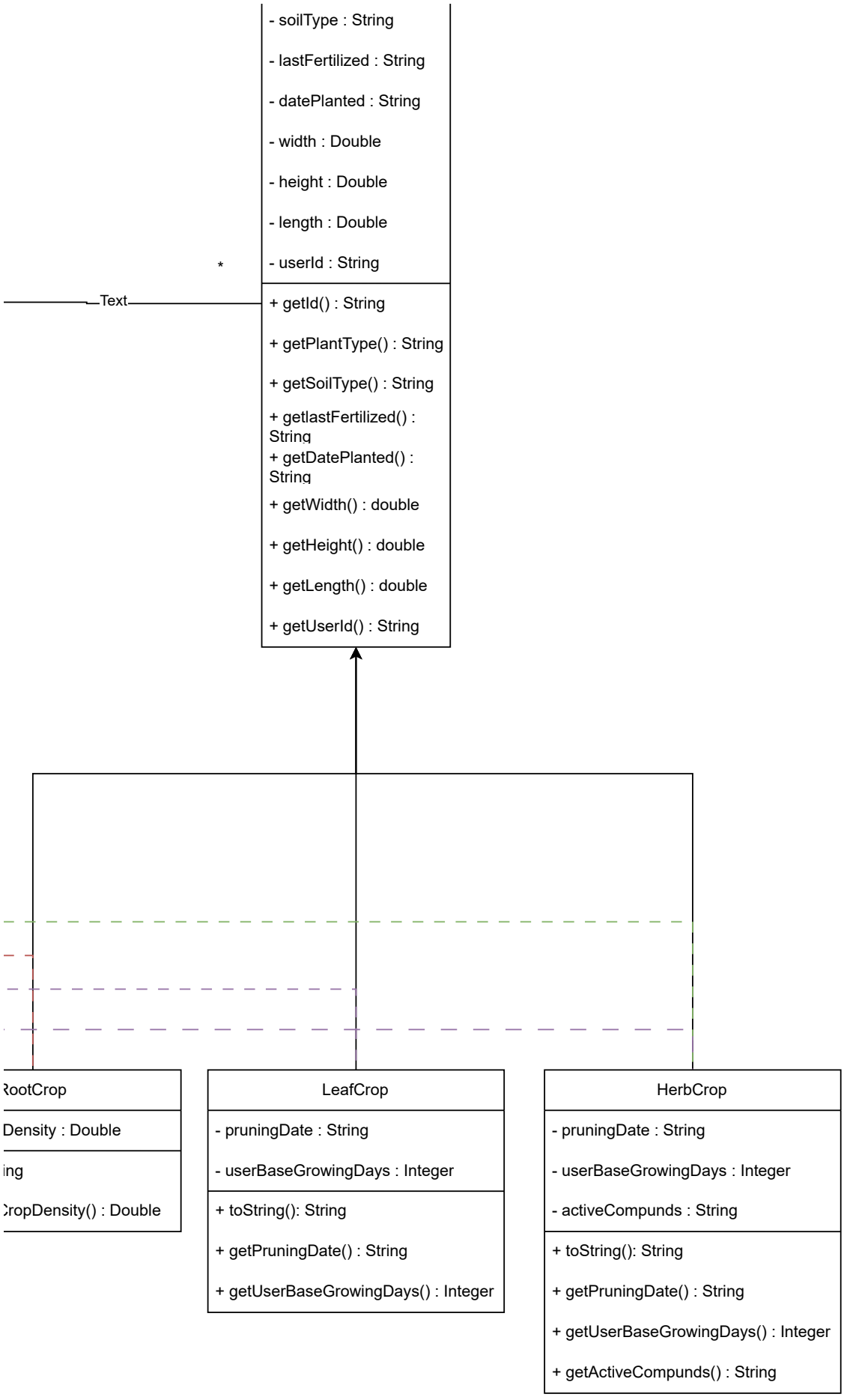

GrowthStatus
<<Enum>>
GERMINATION
SEEDLING
VEGETATIVE
REPRODUCTIVE
NATURE
- value: String
+ getValue(): String
1
Action
<<Enum>>
FERTILIZE
WATER
AERATE
CUT
- value: String
+ getValue(): String
1
HealthStatus
<<Enum>>
1
Crop
- id: String


Crop
- id: String
- plantType : String


HEALTHY
DEFICIENT
INFECTED
PEST_INFESTED
DEAD
- value: String
+ getValue(): String
1
1
1
1
Crop
- id: String
- name : String
- username : String
- password : String
- address : String
- age : int
+ toString(): String
+ getId () : String
+ getName() : String
+ getUsername() : String
+ getPassword() : String
+ getAddress() : String
+ getAge() : int
1
*
- notes : String
- date : String
- healthStatus : HealthStatus
- growthStatus : GrowthStatus
- actions : ArrayList<Action>
- userId : String
- cropId : String
1
+ getId() : String
+ getNotes() : String
+ getDate() : String
+ getHealthStatus() : HealthStatus
+ getGrowthStatus() : GrowthStatus
+ getActions() : ArrayList<Actions>
+ getUserId() : String
+ getCropId() : String
+ toString() : String
*


Medicinal
<<Interface>>
+ getActiveCompunds(): String
Prunable
<<Interface>>
+ setExplicitPruningDate(String):
+ setCalculatedPruningDate():
Subterranean
<<Interface>>
+ estimateMass(): double
R
- userRootCropI
+ toString(): Stri
+ getUserRootC


- soilType : String
- lastFertilized : String
- datePlanted : String
- width : Double
- height : Double
- length : Double
- userId : String
*
Text
+ getId() : String
+ getPlantType() : String
+ getSoilType() : String
+ getlastFertilized() : String
+ getDatePlanted() : String
+ getWidth() : double
+ getHeight() : double
+ getLength() : double
+ getUserId() : String
LeafCrop
- pruningDate : String
- userBaseGrowingDays : Integer
+ toString(): String
+ getPruningDate() : String
+ getUserBaseGrowingDays() : Integer
HerbCrop
- pruningDate : String
- userBaseGrowingDays : Integer
- activeCompunds : String
+ toString(): String
+ getPruningDate() : String
+ getUserBaseGrowingDays() : Integer
+ getActiveCompunds() : String