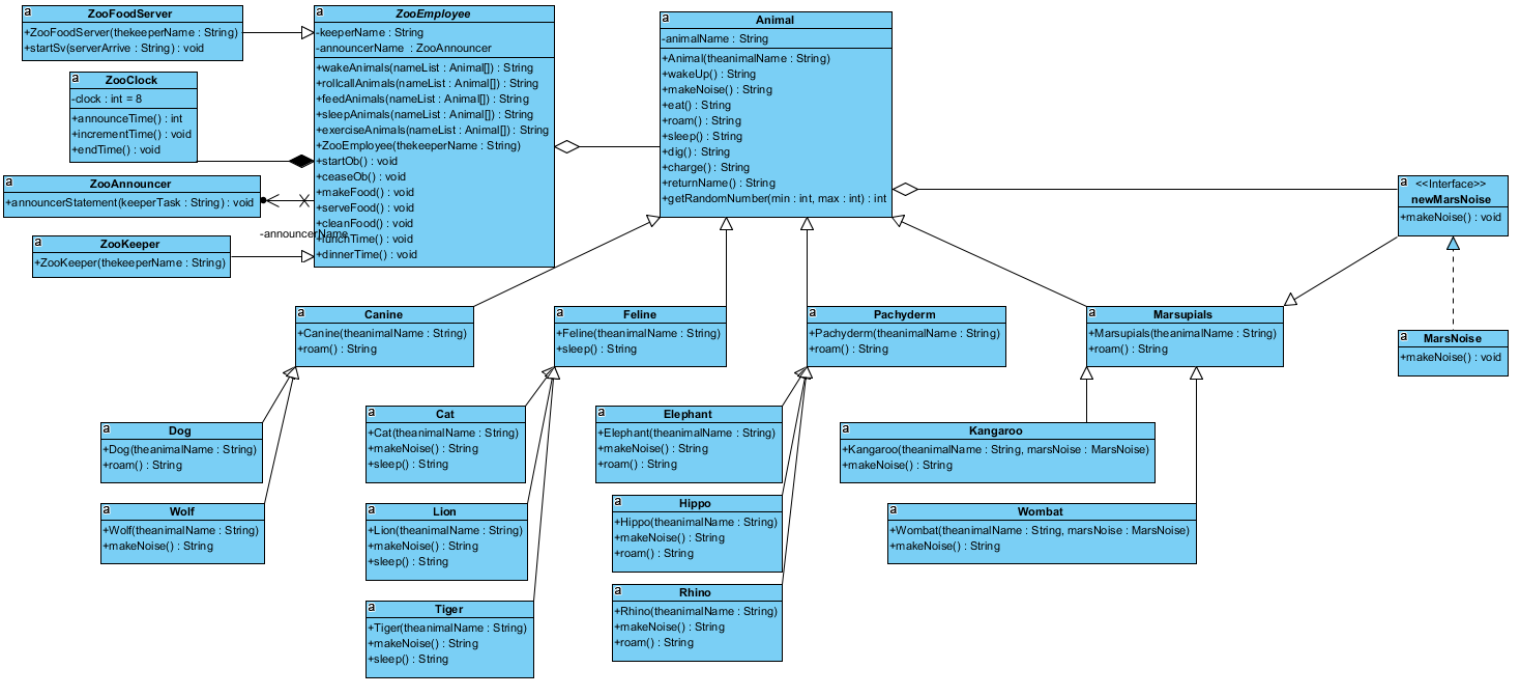
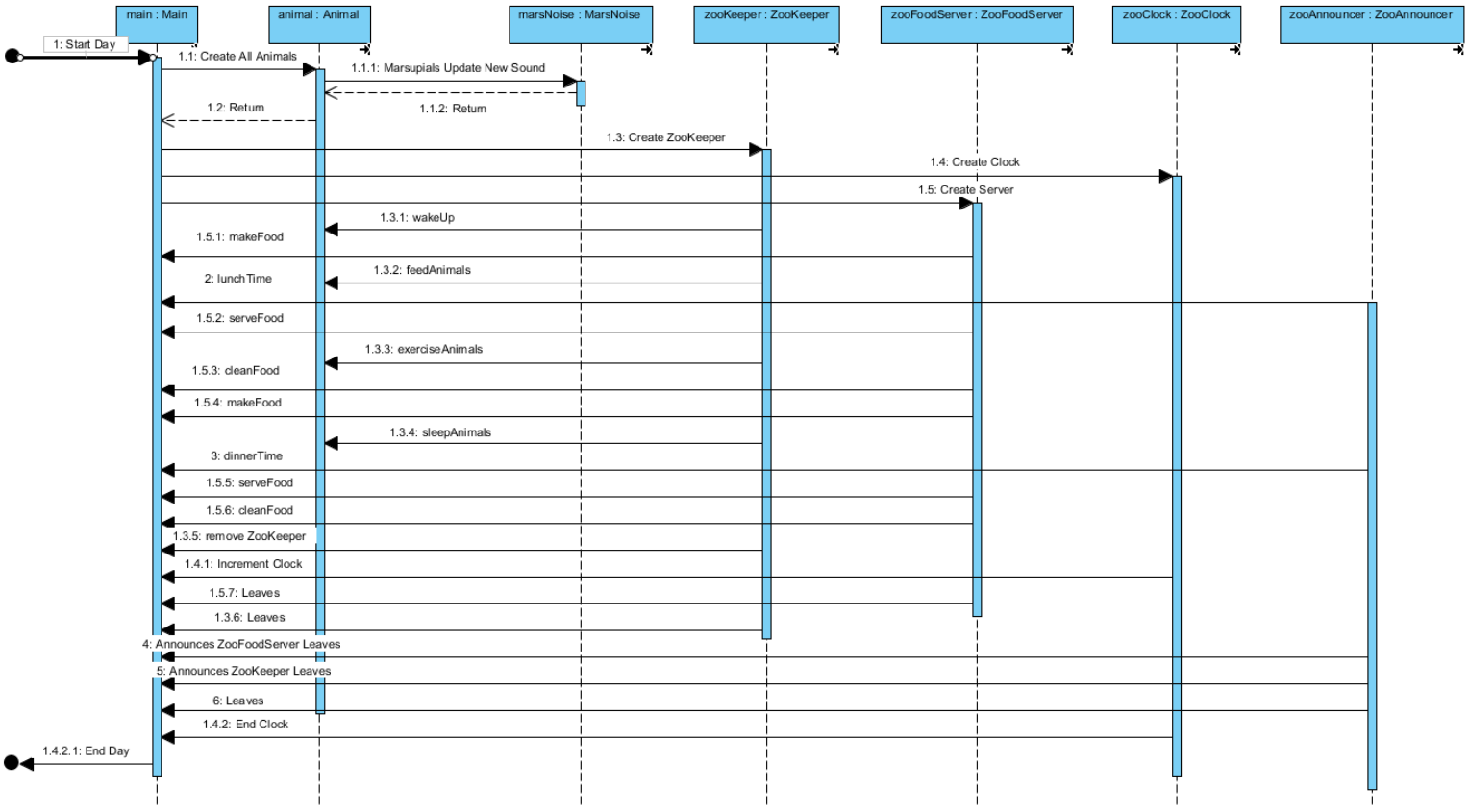
Team Members: Sahib Bajwa

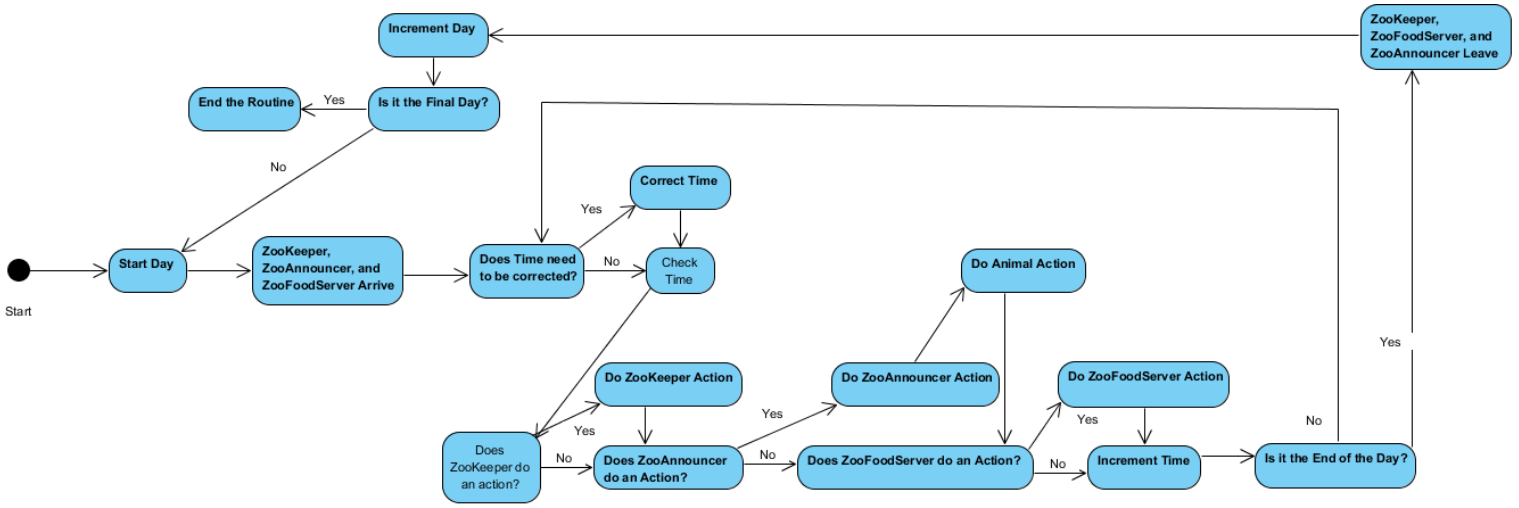
1



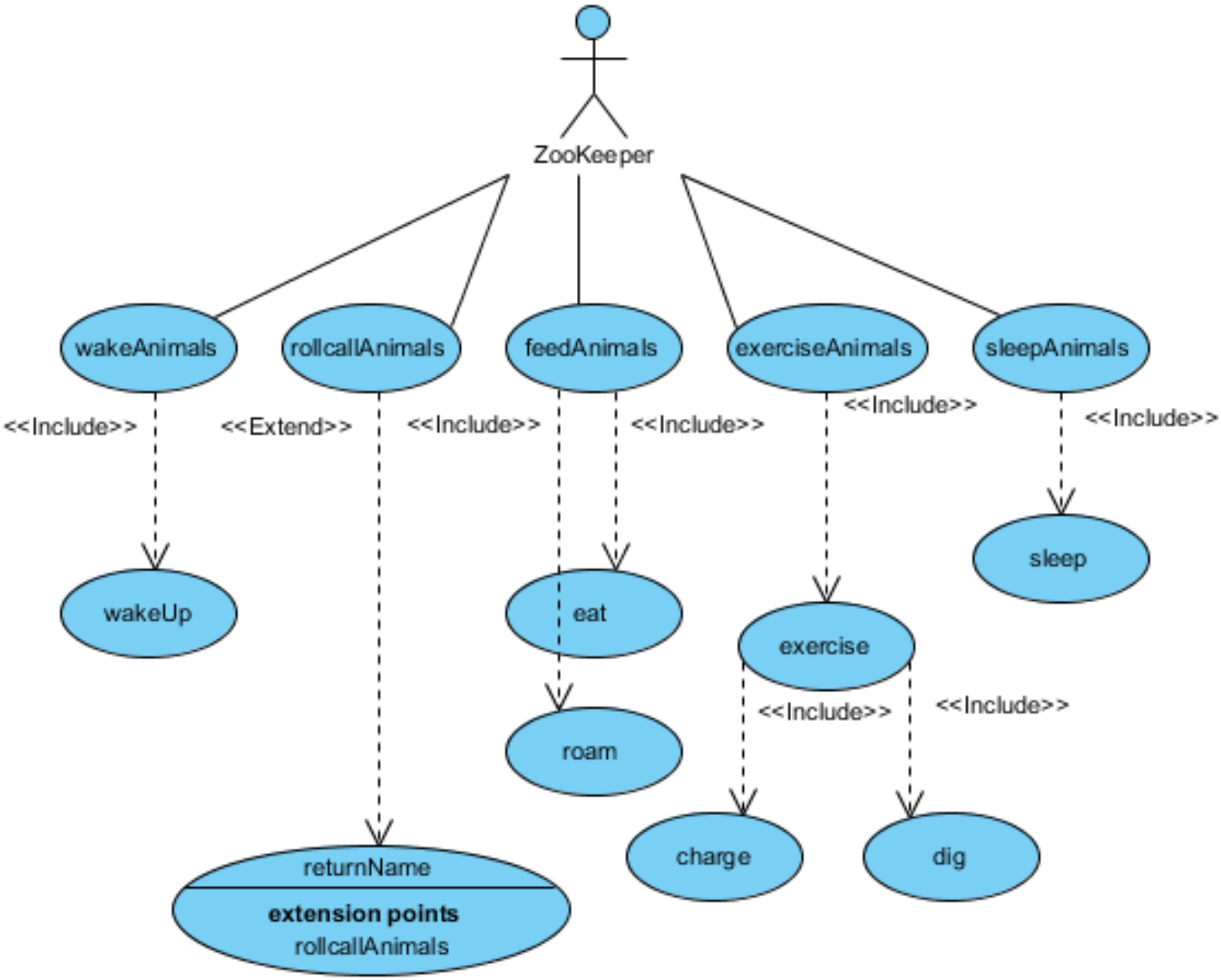
2



3


Increment Day
ZooKeeper, ZooFoodServer, and ZooAnnouncer Leave
End the Routine
Yes
Is it the Final Day?
No
Start
Start Day
ZooKeeper, ZooAnnouncer, and ZooFoodServer Arrive
Does Time need to be corrected?
Yes
No
Correct Time
Check Time
Do Animal Action
Yes
Do ZooKeeper Action
Do ZooAnnouncer Action
Do ZooFoodServer Action
Yes
Yes
Yes
Does ZooKeeper do an action?
No
Does ZooAnnouncer do an Action?
No
Does ZooFoodServer do an Action?
No
Increment Time
Is it the End of the Day?
No

4


ZooKeeper
wakeAnimals
rollcallAnimals
feedAnimals
exerciseAnimals
sleepAnimals
<<Include>>
<<Extend>>
<<Include>>
<<Include>>
<<Include>>
<<Include>>
wakeUp
eat
exercise
sleep
roam
<<Include>>
<<Include>>
charge
dig
returnName
extension points
rollcallAnimals