Work Plan

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Deliverable 1 - Requirements Analysis and Domain Modeling (February 11):

Friday, February 2:
First Meeting:
- Organised our team: Set up the google Drive Folder 321 and set up the workspace on Slack.
- Brainstormed requirements for the system and classify it as Functional or non-functional.
- First draft of domain model using umple

  Decisions to make: the accessibility, who was allowed to mark the state of a tree, who can specify the species of a tree...

Thursday, February 8:
Second Meeting:
- Revised requirements
  - Specified priorities of requirements
- Selected 5 main requirements that needs to be implemented
- Specified the accessibility, only scientists can mark a tree for cut down.
- Distributed the 5 main requirements to each member for them to do the use case diagram
- Revised Domain model
- State Diagram, and Activity Diagram were done together

  For Saturday:
  Each one should submit its use case for revision
  Class, State and Activity Diagrams should be finalised.

Deliverable 2 - Design Specifications and Prototype (February 26):
- Plan the architecture of the solution
- Auto Generate the classes from the model done in umple
- Set up the main classes, for persistence, controller…
- Do sequence diagram for planting a tree, cutting a tree, and listing all the trees in the municipality.
- Implement the list of all tree in the municipality requirement (R3)
- Implement the back end for the planting and cutting of a tree requirements (R4, R5)

Deliverable 3 - Quality Assurance Plan (March 14):
- Plan and describe unit testing, component testing, and system testing
- Implement these tests

Deliverable 4 - Release Pipeline Plan (March 25):
- Design Pipeline plan
- Update as Deliverable specification document is posted.

Deliverable 5 - Presentation (April 3/4/5/9):
- Prepare presentation:
    - Separate topics of presentation between team members
    - Presentation slides: Intro, description of our project, extra developed features
    - Run-through and practice of presentation

Deliverable 6 - Final Application (April 11):
- Ensure full (and final) implementation of the project
- Commit all changes and final source code to GitHub repository