SOFTWARE DEVELOPER

[Company name]  [Company address]

Planning

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# Simulation Application Criteria

- The User Requirements Specification (URS) for the application shall contain

both functional and non-functional requirements.

-- The Design Document for the application shall contain UML class diagram(s),

descriptions and UML sequence diagram(s).

--- The application should perform certain simulations: i.e. it should implement a

simplified model of some objects in the real world, and contain some

randomization to simulate possible external events that influence the state of

the modeled objects.

-- It should be possible to store simulation models and results in a file or

database, and load previously stored models and results from that file or

database

---- In the design of the application, the most important OO concepts are needed,

like classes, objects, properties, interfaces, inheritance and events.

---- The application will be implemented in an object-oriented language like C# or

Java

# Application Description

• City traffic simulation: A city planner can configure the roads and crossings in

a city to simulate traffic and pedestrian flow during rush hour.

The simulation provides the means to optimize the configuration of roads,

crossings and traffic lights via statistics related to how the traffic resolves.

# Deliverables

## Iteration 2

• Final URS & design document

• Final version of plan for iteration 3

• Source code of prototype

• Unit tests of prototype

* Prototype

## Iteration 3

• Final URS & design document

• Source code of final product

• Unit tests of final product

• Final product

• Final version of work division report

• Process report (including work division)

# Where we are now

URS—some use cases updated

Design Document-Gui description updated

Work division and meeting report-some work part updated

Source code-unit testing started and some another works,

# What we need to improve

URS-functional and non-functional missing and use cases should be updated

Design Document-Sequence diagram should be updated

Source code—currently simulation can not restart.

# Plan for Iteration 2 &3

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| List of Tasks | Deadline |
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