

# Procedural Modelling of Cities implemented as a Blender Plug-In

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## **1 Previous Short Term Objectives**

### **1.1 Progress On Project Thesis**

Further progress was to be made on the thesis portion of the research project. Specifically the format of each of the chapters was to be altered to reflect the intended experiments which the project will undertake. An introduction and conclusion component was to be added to each chapter.

### **1.2 Visual Results**

The system was to be completed to the extent where visual results were obtainable.

### **1.3 Subdivision**

A subdivision algorithm was to be adapted from the terrain generation project and implemented within the city generation system to allow for the division of suburb regions into roads and city blocks.

## **2 Progress**

### **2.1 Thesis Progress**

A further extended version of the final project thesis was produced. Specifically the methodology and results chapters were expanded to further structure the project. These chapters were altered to follow the basic layout dictated by the intended experiments that will be run. These scenarios were described and explained, as well as the expected results.

## **2.2 Visual Results**

Due to a major issues with the project's coding component no progress was made in this section over the past week. Drastic measures have now been implemented in order to ensure the swift delivery of a system capable of delivering visual results inthe coming weeks.

## **2.3 Subdivision**

No subdivision algorithm was attempted this week.

## **3 Problems**

Major problems were experienced with the coding section of this project and a new schedule and timetable for code delivery will have to be set up with the project supervisor.

## **4 Objectives for next week**

### **4.1 Visual Results**

Any further progress on this project will require the visual verification of the methodologies being implemented, thus the single highest priority objective for the coming week is to complete the visual representation part of the project and thus to confirm the methodologies applied in the underlying abstract representation.

### **4.2 Progress on Thesis**

Further fleshing out of the thesis document will be dependant on the availability of visual results from the projects implementation. Thus further progress with the thesis in the coming week will be dependant on attaining workable results from the system.