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# YGGDRASIL MEETING MINUTES

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DATE:07/06/12 TIME: 12:00 - 12:45 VENUE: ROOM 315,  
COMPUTER SCIENCE DEPARTMENT, UCT

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## Attendees

**Prof. James Gain, Ryan Mazzolini, Richard Pieterse, Donovan Foster**

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## TOPICS

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### Project Proposal

A discussion of the comments and feedback of the project proposal.

- Add L-system swarms should be included into the background chapter.
- Extending the original GUI should added to the risks.
- Displacement mapping should be researched and added into the project proposal.

After these additions the proposal should be finished and implementation or design should begin.

Action Items	People Responsible	Deadline
Incorporate discussed revisions to proposal.	All project members	Monday 11th of June

### Questions from group members

Choice of techniques for joining branches:

- Junction templates should be investigated
- Bezier curves should also be investigated as an extension
- Look into frames as a technique for junction templates

Advice on technique for texture synthesis:

- Pixel-based techniques are not generally used
- Should focus on Patch-based techniques but be wary of scope
- Justin Crause could help in the choice of technique

Advice for leaf placement:

- Take the output from the L-system for the basis of leaf placement
- Use a separate GUI system for the sketch interface
- Feed the result back into the existing system

Action Items	People Responsible	Deadline
Investigate the proposed branching solutions.	Richard	Thursday 14th
Contact Justin	Ryan	Thursday 14th

### **Future project meetings**

The next meeting will be on Thursday the 14th of June at 12:00 and will be an extended meeting (longer than the usual 45min).

A meeting will be scheduled for the middle and end of the internship period.

After the internship during the 3rd Block of modules meetings will be scheduled every two weeks.

Thereafter a meeting will be scheduled once a week.