ENGR489 Project

Modelling a Self-Organising Tree
Bryony Gatehouse

Supervised by: Zohar Levi

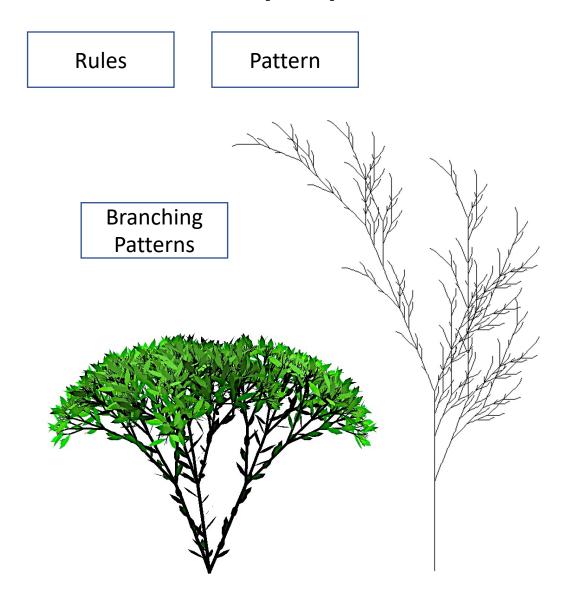
Trees are important



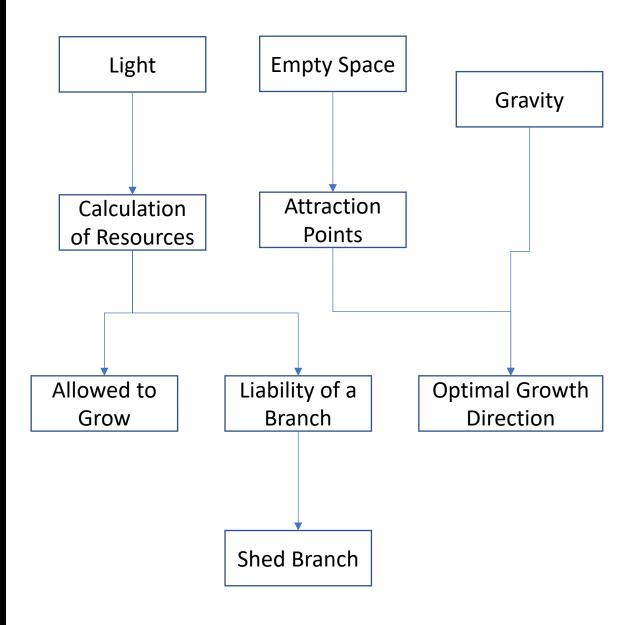
Unique

Environmental Conditions

Lindenmayer System



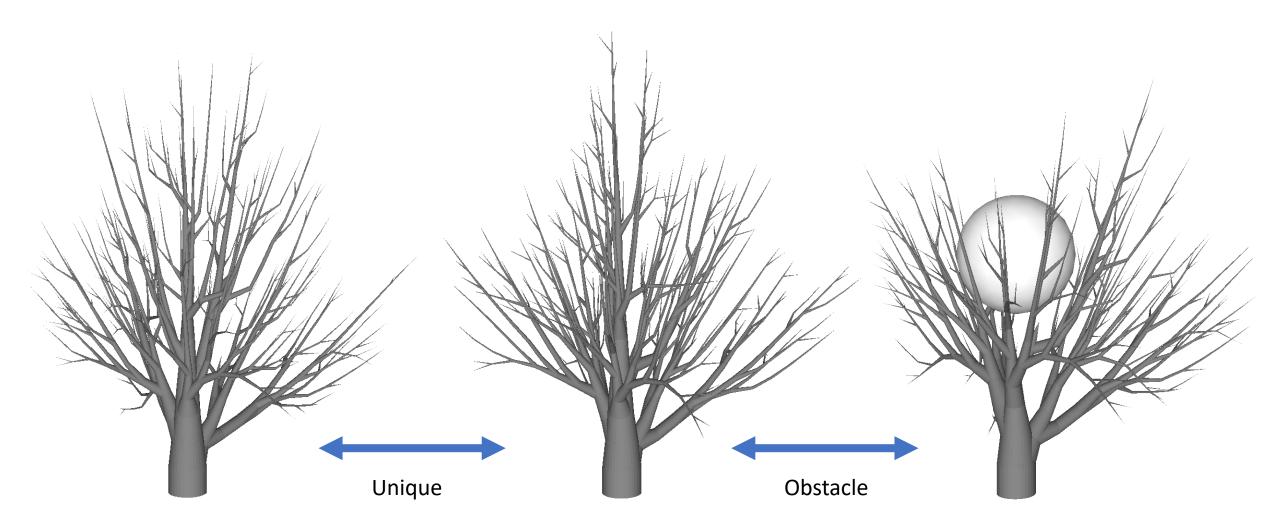
Palubicki Tree



Chosen Approach

Polymorphism Terminal Bud **Branching Point** Non-Branching Point Lateral Bud

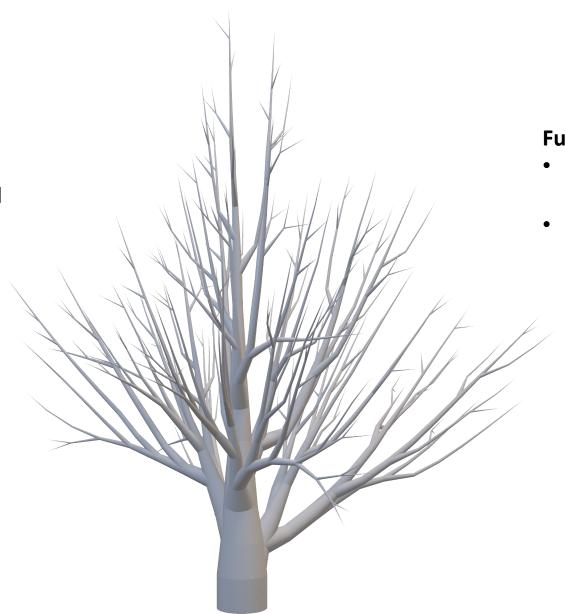
Results



Conclusion

Requirements

- Unique
- Reacts to Environmental Conditions



Future Work

- Implementing Bark Texture
- GUI Interface