
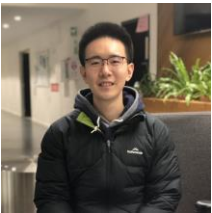




Profile

Team Members	Introduction (education, experience and skills)
 <p>Andre Olivier</p>	<p>I'm a Fifth-year undergraduate student studying a double Engineering and Finance degree. I am completing my major in Mechatronics and Capital Markets. My internship experience has been as a Engineering and Asset management consultant at KPMG, done over the summer of 2018/19. I have also been Treasurer of the ANU tennis club for the last 2 years, helping bring the club back to financial solvency. The skills I have applied in this project have been my systems engineering expertise, Excel Knowledge, project management acting as active liaison between our group and the various stakeholders. Skills learnt include SketchUp and Solidworks design, Industrial and Chemical Engineering concepts and knowledge, as well as learning about the ISO standards with regards to engineering designs and reports.</p>
 <p>Derek Tan</p>	<p>My name is Derek, I am a third-year engineering student, double major in "Mechanical and Material Systems" and "Mechatronic Systems". I have had some manufacturing experiences from ENGN4212 and micro controller experience from ENGN3213. I have done an internship in the R&D department of air compressor manufacturing company, during which I learnt how to use AutoCAD and SOLIDWORKS.</p>
 <p>Jiaying Ying U6034298</p>	<p>I'm a fourth-year undergraduate engineering student, who's in major of Mechatronics and Electronics and communication. I had my internship experience in a fire safety consulting company and volunteered for non-profit organisations to do some website, poster and brochure design on event promotion. In addition, I also did some research projects in ANU in the communication field and computer vision. I think my skills are the programming in different languages, some visual design and some electrical stuff. In this project, I learned how to use Sketchup and Solidworks design and how to use 3D printer.</p>
 <p>Minghui Zhang</p>	<p>I'm a fourth-year engineering students who is studying Mechanical and Material major. I had a 12-week internship in CNBM International Corporation which is concentrating on coal, steel and construction equipment and give priority to solar and wind energy development. I learned basic skills to use CAD software, Finite Element Analysis and Multimarket 3D printer during the fourth-year study and I believe these skills can be used in the project. In this project, I learned skills to use Solidworks and communication skills to communicate with industrial experts.</p>

Evolutional Rules

Week	Team members	Rules	Assisted by
Week 1-3	Andre Olivier	Mechanical engineer	Minghui Zhang
	Derek Tan	Administrator, engineering technologist and liaison	N/A
	Jiaying Ying	Research, repository manager and software engineer	N/A
	Minghui Zhang	Mechanical engineer	Andre Olivier
Week 4-6	Andre Olivier	Research and liaison	Minghui Zhang
	Derek Tan	Mechanical engineer	Andre Olivier
	Jiaying Ying	Research and administrator	Minghui Zhang
	Minghui Zhang	Administrator, repository manager and Mechanical engineer	Jiaying Ying
Week 7-9	Andre Olivier	Research, repository manager and software engineer	Jiaying Ying
	Derek Tan	Mechanical engineer	Minghui Zhang
	Jiaying Ying	Research, mechanical engineer	Minghui Zhang
	Minghui Zhang	Mechanical engineer	Derek Tan
Week 9-12	Andre Olivier	Mechanical engineer	Minghui Zhang
	Derek Tan	Administrator and engineering technologist	Jiaying Ying
	Jiaying Ying	Research, repository manager and software engineer	Andre Olivier
	Minghui Zhang	Mechanical engineer	Derek Tan

Responsibilities:

- Responsibilities of the Mechanism engineers to the project
 - Finish the conceptual design based on research conducted.
 - Use CAD software to draw the schematic diagrams of the designed mobile rendering process.
 - Use finite-element-analysis tool (COMSOL Multiphysics) to simulate the machine-working-process and ensure the mobile plant can process insects into meals and oils that meet regulatory requirements.
- Responsibilities of the research and repository manager to the project
 - Do the required technical research about the rendering process.
 - Do financial research about the whole designed rendering process and obtain the budget of the final proposed prototype.
 - Manage the repository and upload all the files and documents related to the project.
- Responsibilities of administrator to the project
 - Set and lead weekly regular group meetings.
 - Maintain contacts with clients and arrange regularly meeting between the project team and clients.
 - Document key points in each meetings and upload documentation to repository.
 - Ensure all the project goals and milestones are achieved and not behind schedule.
- Project team ground rules
 - All team members need to communicate and treat each other with respect.
 - All team members need to attend meetings on time. If any group members cannot attend meeting, please let others know.

- All team members need to value feedback from team members and other stakeholders; avoid being defensive about giving and receiving any constructive feedback.
- All team members need to communicate task progress regularly, try to finish the assigned tasks on time based on the deadline set in the milestone.