

# Meeting Minutes

Subject			
Project Proposal Discussion			
Date, Time (duration) and Venue			
Date - 23 Aug 2021    Time - 10:00am - 12noon    Via - Discord			
Attendees		Non-Attendees	
Jeremy Hussain Wong Ying Duc Desmond		Parth	
Chaired by:			Wong Ying
Last meeting minutes have been reviewed			Yes
Progress Updates			
Task	Problem/Issue /Progress	Solution/Action	Taken by & deadline
Follow up on Minutes1	Updates from individual on assigned Task	Project Management Tool - Asana  Python web development framework - Django  Recommender system - Machine Learning	Everyone  23 Aug 2021
Project Scope/ Problem Statement	Identify problem statement	With an abundance of video streaming platforms (eg. Netflix) having specific recommendations for every user, our local cinemas lack such features.	Jeremy, Hussain, Wong Ying  30 Aug 2021
Discuss Technical Approach	Decide on the technology stack	Needs: Improve efficiency in Movie booking System with the aid of a recommendation system.  Benefits & Advantage:  <ul style="list-style-type: none"> <li>- Specific user recommendation</li> <li>- Not one size fits all approach</li> <li>- Save cost, increase efficiency</li> </ul>	Jeremy, Hussain, Wong Ying  30 Aug 2021

		<ul style="list-style-type: none"> <li>- More cost efficient as each campaign is more targeted</li> </ul> <p>Functions &amp; Features:</p> <ul style="list-style-type: none"> <li>- Recommended movies list for different users on cinema main web page</li> <li>- Common movie booking system functions</li> </ul> <p>Technologies:</p> <ul style="list-style-type: none"> <li>- Django framework for front-end and back-end development</li> <li>- Pytorch for training recommender model</li> <li>- SQLite for database</li> </ul> <p>System Architecture:</p> <p>Model-View-Controller, an interactive application, separating internal representations of information from the ways information is presented to, and accepted from, the user.</p>	
Project Managem ent	Break down the project into small parts with time allocated	Work out task phase, division of responsibilities and a timeline with milestones on Asana platform	Desmond, Duc 30 Aug 2021
Budget Plan	Give best estimate to project funds	Look into the cost for commercial software licenses and other expenses involved for development.	Desmond, Duc 30 Aug 2021
Discuss use case model	Identify use cases in the model	<p>Discussed and finalised the main features in the use cases model</p> <p>Actors:</p> <ul style="list-style-type: none"> <li>- User</li> <li>- Admin</li> <li>- Recommender Model</li> <li>- Authenticator</li> <li>- Database</li> </ul> <p>Use cases:</p> <ol style="list-style-type: none"> <li>1. Browse recommendation</li> <li>2. Log in/Sign up &lt;&lt;Includes 8&gt;&gt;</li> <li>3. Book Movie</li> </ol>	Everyone 23 Aug 2021

		4. View Movie Details 5. Admin Log in <<Includes 8>> 6. Add/Remove Movies/Halls/Shows 7. Retrain <<Extend 1>> 8. Authenticate user	
Division of labour	Dividing the task among teammates	<u>Wong Ying</u> Project Proposal: Executive Summary, Statement of Problem and Objectives Use Case Description: Log in/Sign up  <u>Hussain</u> Project Proposal: Technical Approach, Review Executive Summary, Statement of Problem and Objectives Use Case Description: Book Movie, Admin login  <u>Jeremy</u> Project Proposal: Technical Approach, Review Executive Summary, Statement of Problem and Objectives Use Case Description: Browse recommendation, Nightly model retrain  <u>Desmond</u> Project Proposal: Project Management, Deliverables and Budget Use Case Description: Add/Remove Movies/Halls/Shows  <u>Duc</u> Project Proposal: Communication and Coordination with Sponsor, Conclusion Use Case Description: View movie details	Everyone  30 Aug 2021
Follow-Up for Next Meeting	Follow up for the next meeting and deliverables.	<ul style="list-style-type: none"> <li>- Update wiki</li> <li>- Submit resume</li> <li>- Fill in project proposal components</li> <li>- Fill in use case descriptions</li> </ul>	Everyone  30 Aug 2021
<b>The next meeting will be held</b>			2 Sept 2021  1230-1430  SWLab3

**This minutes have been agreed by all attendees**

Signed by

Wong Ying