

BUSINESS CASE	
Proposed Project	Movie recommend system
Date Produced	2022/09/02
Background	People always waste too much time selecting movies, our app can recommend movies for our users according to their viewing history. Users can also recommend their favorite movie to each other.
Business Need/ Opportunity	AI learning from the user and recommending movies for them. A cloud server for users to share their favorite movie.
Options	<p>[This section documents the potential approaches to complete the project. There are always a minimum of two options: perform the project or do nothing.]</p> <ol style="list-style-type: none"> 1. Learn whatever needed to perform the project 2. Do nothing
Cost-Benefit Analysis	
<p>Financial expenditures: below 500\$</p> <p>The amount of time required: 7 months</p> <p>Possible risks: Can't achieve the AI learning function or cloud server</p> <p>The potential for reduced quality: Find something to replace the AI learning part if we can not achieve it.</p>	
Recommendation	
Learn the knowledge as soon as possible.	

PROJECT REQUIREMENTS DOCUMENT	
Project Name	Movie recommend system
Functional Requirements	
<p>[This section should list the functional requirements for the project, including any features or properties of the project' s outcomes.]</p> <ol style="list-style-type: none"> 1. Recommend users movies according to their favorite or viewing history. 2. A dynamic database to store users' inserts movie information. 3. Usable and understandable interface 4. Cloud server 	
Technical/Performance Requirements	
<p>[This section should list the technical requirements for the project (e.g., the required technology infrastructure) and any performance requirements (e.g., the minimum response time).]</p> <ol style="list-style-type: none"> 1. JAVA 2. AI 3. HTML, CSS, JAVASCRIPT 4. Users can use the cloud server to communicate with each other 5. Recommend movie 	

PROJECT CHARTER	
Project Name	Movie recommend system
Date Produced	2022/09/02
Project Goals	Create an intelligent system that can analyze and recommend movies based on the user's viewing record or input
Project Objectives	<ol style="list-style-type: none"> 1. The ability to associate and access the user's viewing records at some well-known movie sites (beta) 2. It can extract the name of the movie manually entered by the user and display the movie information 3. Able to analyze and push similar movies according to the characteristics of the extracted movies
Project Budget	Under the \$500
Project Sponsor	Temporarily no
Project Manager	Yixu and Xufeng (ourselves)
Additional Key Project Stakeholders	
Temporarily no	

Overall Project Milestones	Dates
The theme of the project has been decided	2022/09/10
Overall Project Risks	
The knowledge about AI is not enough and the permission to access the user's viewing records cannot be solved	

RACI CHART							
	Yixu	Xufeng	Mentor1	Mentor2	Mentor3	[Name]	[Name]
Front-end development	A	R	I	C	I		
Cloud data and database processing	R	A	I	I	C		
Testing and debugging	R	R	C	I	I		

Vlog production and other works	A	R	I	I	I		
<div> <div>R-Responsible</div> <div>A-Accountable</div> <div>C-Consulted</div> <div>I-Informed</div> </div>							