Outline of Stakeholders

In order to establish the groundwork of this software product, it is necessary that the associated stakeholders discuss the requirements and generate overarching goals for the system. The stakeholders for this application include the facilitator, product manager, end user, architectural engineer and software developer. This process allows for the depiction of customer needs from several different perspectives to ensure a high-quality delivery for the final product.

Requirements models can be evaluated by all the stakeholders for feedback and becomes the basis for the software design.

Facilitator: Sets up and administers the meetings for the team of stakeholders to discuss and organize requirements, as well as any additional information about the software product. The facilitator can be a customer, developer or even an outsider.
- Facilitates meetings on the Google Jamboard platform to communicate and organize the needs and requirements of the software product
- Stakeholders brainstorm how expectations of the client can be met

Product Manager: Identifies customer needs/wants and requirements for the product. They also denote the business objectives that will be fulfilled by the product's services or features in order to optimize sustainability.
- The objective of the product manager is to take the customer's needs/wants and translate them into functional programs

End Users: The end users for this specific program are the customers who will book tickets through our website.
- Expect an easy-to-use interface with necessary features included

Architectural Engineer/Software Architect: Denotes assumptions and identifies the constraints on the program. The architectural engineer also designates structural requirements for the program (functional and non-functional).
- Focuses on the functionality of the program and what the limitations are on these functions
- Specifically focuses on the structure and design of the website

Software Developers: Analyse user requirements and build a software that will satisfy those needs. The developer must also continuously maintain and test the software for quality assurance.

- Use HTML, CSS and JavaScript for the front-end interface and PHP for the back-end development (connect server with database)
- Incorporate an OMDb API to display movie posters, descriptions, IMDB ratings, etc.
- Perform tests to ensure acceptance criteria is met for several cases such as seat selection, login/signup and ticket purchase.
- Develop an encryption algorithm to store user passwords in the database for security purposes