SOTL-Theater

Tentative Software Requirements Specifications v1.1

Prepared By:

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Confidential Information:

Project Details

Project Name	SOTL		
Client Name	Mr. Joe Hilton		
Client Address	United States		
Prepared By	Hasan S	Date	May 10, 2017

Document Revision History

Version No.	Date	Changed By	Description
1.0	May 10, 2017	Hasan S	SRS Documentation

Objective: Development – SOTL-Theater

In reference to your project, I along with my technical team of experts have studied your project description to the core and we totally understand the project plan of action that needs to be incorporated for your project for its success.

Our team is confident that we have all the expertise and the relevant infrastructure to support and deliver the project duly on time inline to your expectation.

Purpose of Software Requirements Specifications (SRS)

The purpose of this software requirements specifications is to document all the proposed requirements for the Pet's Social App in a detailed manner. Once the requirements are documented, this SRS document shall be sent to client for approval.

1. Scope of the Project:

The scope of the project involves:

Phases	Description	Team Deployed
Phase 1	Wireframe & UX/UI Design	Analyst Team
Phase 2	System Architecture	Web Development Team
Phase 3	Laravel Development	Development Team
Phase 4	Quality Analysis/System testing	Quality Analysis Team

Roles & Responsibilities:

Roles	Responsibilities	Name
Client	To whom the work is dedicated, client will be a highly involved participant of the project as he will be responsible for reviewing work done by us and then providing feedback.	Mr. Joe
Project Source/ Business manager	Functional Resources should include individuals with knowledge of the application. They should be familiar with the customer's business processes and customizations. Ideally, there should be one team leader, Solution Architect, to coordinate testing and additional functional resources for each functional area.	Mr. Yogesh
Sr. Project Coordinator	Responsibilities: 1. Manages project in accordance to the project plan 2. Provide overall project direction 3. Direct/lead team members toward project objectives. 4. Handle problem resolution	Mr. Hasan
Web Developer	Understand the requirement and business logic. Work closely with functional leads and technical leads to ensure business needs are met Responsibilities 1. Design and organization of procedures 2. Analyze business processes 3. Regression/Unit/System Test changes 4. Document all changes 5. Retrofit customizations 6. Tracks and resolve issues 7. Communicate with functional team and project management.	Mr. Imtiyaz and Mr. Akhilesh

3. Project Overview

The project is a primary development of a web-based in-person program with a few thousand students that will enable will enable them to submit the film projects online, view other student's projects, as well as, can get critic reviews.

This will also enable the teachers as well as family members to be able to view the videos. Following user entities will interact with the app:

- **Super Admin** - To manage the various aspects of the user management.

- **Users** – There will be below 4 types if users:

  . Students

  . Critics

  . Guests

  . Teachers

4. Section wise Feature Listing:

1. **Front Page:**

   ➢ **Featured Video –** There would be few videos that will be posted by the students and those videos can be viewed by the visitors. The featured video will be selected by the users by certain criteria (<mark>Criteria: TBD</mark>).

   ➢ **Filter videos –** On the home page/Front page exists a drop-down filter that would allow the visitor to select the type of category they would like to view.
   (<mark>Category: TBD</mark>)

   ➢ **Recent Video –** This will enable the user to view the recently uploaded video until any filter is selected from the filter videos drop down**.**

   ➢ **Other Categories –** This section will allow the user to see all the default categories videos (<mark>TBD</mark>).
   These videos will be linked to client's streaming server (VIMEO)
   A film must receive at least five reviews before it can be added to any featured category on the front page. The video will be displayed on the basis of how many likes it has received.

2. **Login Page:**

   When the user click on login option on the top of the page, they will be then redirected the login page.

   This feature will have the below user flow:

   A. Once the **Student** logs-in, the option at the top of the page will be then changed to below three options:

   i. Review

   ii. Upload

   iii. Sign Out

User will also see an option "Join sneak on the lot", which will take the user to SOTL home page

B. Once the other user except the student (NON-Student) logs in, then the option will be changed to below options:

i. Join SOTL

ii. Sign Out

The Join SOTL option will take the user to SOTL home page.

➢ Student can simply log in using his/her registered Email and password, where as a non-student can login using Registered Email, Facebook and Linked in.
➢ For the non-registered users, there exists a **"Create an account"** button, which would allow the user to create an account.

3. Sign Up Page:

When the user clicks on the sign up option the user will be redirected to sign up page.

User can sign up through Private Mail IDs, through Facebook, as well through Linked in.

➢ Every time a user sign up we need to check the user DB to make sure the account does not exist and if so then a pop-up will be rendered, telling the user to login.

➢ Password entered by the user must go through the validation process. It must meet the password requirements (**Requirements: TBD**) and if it does not meet the requirements then an error message will pop up.

➢ If the user passes all the verification process then a message will popup asking using user to check their Email ID for a validation Email.

➢ The social media sign up will be verified through their respective gateways.

➢ After successfully creating the account, the options at the top will be changed to **Join SOTL** and **Sign Out.**

4. Upload page:

When user clicks on the upload button, it will take the user to upload page and once the upload page loads the same button will be then changed to **HOME**.

On the upload page user can find the below options that would enable the user to upload the video:

A. **Upload Film Button –** This will enable the user to upload the user through the standard brows computer and upload function.

B. **Film Title –** This text field will enable the user to add the film title. This metadata will be attached to the file and uploaded to the streaming server.

C. **Genre –** This drop-down selector will enable the user to select a film's genre from a list (**LIST: TBD**).

D. **Challenges –** Challenges will be displayed as a drop- down feature. The submitted films should meet the requirements of at least one of the available challenges. (**Challenges: TBD**). The User must have some prerequisite points, before they can proceed to upload for any challenge and these challenges are checked against the user's data.
The film must be related to one of the many challenges offered by SOTL and the submitting button must meet the challenge's required points level, which will be checked against the SOTL database.

NOTE - Contributing students do not need to meet the challenge requirements.

E. **Team Credit Box –** The team credit box consists the basic information of the user(student) and its team.

when a student submits films, the must tag all the contributing members who should be the registered students with the SOTL program.

This will consist three types – **Your Name, Member and Position.**
i. First Name on the list is always auto filled with the name of the student logged in and uploading.
Each first name will be auto filled taken and fetched from the student database.

ii. Members will be the team member

iii. Position are selected from a drop down of the available fields of study offered through the program**.** Multiple students may be credited with the same position (If there are two writes who wrote the script then there can be two writers credited).

F. **Film Description –** Students can brief about the film uploaded. This section has minimum and maximum character limit.
This metadata will be attached to the file and uploaded to the streaming server.

G. **Additional Credits/ Contributors –** Special thanks to the cast and crew who contributed the talent and time to the film. (**To be confirmed**)

5. **Review Page:**

When a user (Student/faculty/admins) click on the review option, the user is redirected to review page.

This page enables to play with a list of films that have yet to reach the five-review threshold (The films that has not yet met the criteria).

Once the Ready to review page loads, the **"REVIEW"** option at the top of the page will be changed to **"HOME".**

When the user clicks on any of the videos, then this would take the viewer to the to the critique page.

This feature can be simplified, if this could be advised just as a category on the front page, after the any user (**Student, Faculty or Admins**) signs in, instead of creating a whole new page for this "Review Feature". (<mark>TBD</mark>)

6. **Critique Page:**

   This page is the student critic page that would allow the critic to view and judge the film.

   Critics can rate the films, write review, as well as would allow the user to view the top rated/ scored films.

   ➢ **Video Stream –** The recent film will be displayed in this section and film's average rating and number of rating are displayed in the corner of this section.

   ➢ **Rate Films –** This feature will allow the user/critique to rate the films based on the below elements:

      i. Direction

      ii. Cinematography

      iii. Writing

      iv. Editing

      v. Other Fields

      vi. Overall Rating

   This user can rate the film based on 1 to 10 rating criteria for each above defined respective element.

   NOTE: Student can add more other fields.

   In the case of overall rating element, the student/Faculty/Admin rate the film on each of the criteria supported by the SOTL program.

   The overall rating is an aggregate of all the rated categories. Once a film is rated then this will add the user's critic score in their LMS DB.

   How to know the Overall rating - The overall rating is an aggregate of all the rated categories and hence each category attached to the SOTL student, entered by the uploader and that score is aggregated into his/her total.

➢ **Write a review –** This will allow the Students/ Faculty/ Admin to post their review in the text field box, which would have a maximum and minimum character limit. (==TBD==).

Reviewing a film adds points to a user's critic score in the LMS DB.

➢ **Review List –** This section will enable the user to view videos with the top reviews.

The Top reviews will be featured in this section based on the critics scores.

The higher the critic score is, the higher on the list the review goes, regardless of positive or negative, as well as the students can rate, whether they find the video helpful or not, by clicking on yes or no when asked was the review helpful.

The more helpful the reviews received the critic gets more critique score.

7. **User Review Screen -** In the case of NON-student users with validated, they have limited access to the features. They can only like a film, instead they cannot review or rate the film.

8. **Unregistered Viewer Screen –** These types of users can only view a film. They cannot **LIKE, REVIEW** or **RATE** a film.

5. Technology Stack:

Back-end	Laravel
Database	MySQL