Software requirement specification (SRS) document template

Project name: Pnyx

Date: 13/10/2022

Version: v0

By: Sandra FOUZARI, Danila KILIN, Constance LE FOURN, Victoria GAUTHIER

Revision history

Version	Author	Verson description	Date completed

Review history

Reviewer	Version reviewed	Signature	Date

Approval history

Approver	Version approved	Signature	Date

asana

Table of contents

asana

1 Introduction

Describe the purpose of the document.

1.1 Product scope

List the benefits, objectives, and goals of the product.

The goal is to put the streaming platforms and users in contact to give new offers to adapt books to series or films

1.2 Product value

Describe how the audience will find value in the product.

Instead of asking in the comment section of the platform the adapt a book and not know if anyone seen the comment, they will propose and vote for one project each month to be adapted into a film/series.
The proposition will not be lost since we will be working with the plateforms

1.3 Intended audience

Write who the product is intended to serve.

It is intended to serve the streaming platforms users to propose new ideas and also for the scenarist of streaming platforms.

1.4 Intended use

Describe how will the intended audience use this product.

The audience can propose and vote for the best idea of the month.
At the end of the month their is gonna a vote for the top 5 stories by the platforms team for the best idea.

1.5 General description

Give a summary of the functions the software would perform and the features to be included.

The different functions are :

- Create an account
- Login
- vote for book
- propose a book
- see the previous winners
- Adm streaming plateform : see top 5 infos
- Contact us option
- Announce the winner of the month

asana

② Functional requirements

List the design requirements, graphics requirements, operating system requirements, and constraints of the product.

The design requirement are :
Logo
Maquette page accueil (attached)
Typo (attached)
Maquette page inscription / connexion (attached)
Maquette page enregistrement d'histoire (attached)
Charte graphique (attached)

Operating system requirements :
- a browser

Constraints of the product :

- Contract's law study
- Intellectual right
- cybersecurity (anonymity of stories and users)

3 External interface requirements

| 3.1 | User interface requirements | Describe the logic behind the interactions between the users and the software (screen layouts, style guides, etc). |

Request returned using php

| 3.2 | Hardware interface requirements | List the supported devices the software is intended to run on, the network requirements, and the communication protocols to be used. |

At the beginning to launch, we need a command promp and launch with "npm"
Communication protocol : HTTP

| 3.3 | Software interface requirements | Include the connections between your product and other software components, including frontend/backend framework, libraries, etc. |

For the components we need :
    - for the backend : Javascript sous react, php
    - for the frontend : css, html, javascript
    - for the software component : react
    - for the librairies : react, (bootstrap)

| 3.4 | Communication interface requirements | List any requirements for the communication programs your product will use, like emails or embedded forms. |

We wil need forms to log in, suscribe and share stories, and needs emails in case of contact.

asana

④ Non-functional requirements

4.1	**Security**	Include any privacy and data protection regulations that should be adhered to.

Preserve the users' anonymity and the scripts

4.2	**Capacity**	Describe the current and future storage needs of your software.

The standart storage for a website is around 10GB, so for the host and database we wil go for the same

4.3	**Compatibility**	List the minimum hardware requirements for your software.

browser
wamp xamp

4.4	**Reliability**	Calculate what the critical failure time of your product would be under normal usage.

If there is too much ideas of synopsis, they might be an invisibility problem since the stories might be drowned in the page, around 1000 synopsis

4.5	**Scalability**	Calculate the highest workloads under which your software will still perform as expected.

It needs to see with stress test when the software will be done.
The workload will really depends of the size of the database .

4.6	**Maintainability**	Describe how continuous integration should be used to deploy features and bug fixes quickly.

once a year, need an update for the different themes
Update and protect the database

4.7	**Usability**	Describe how easy it should be for end-users to use your software.

There will be 3 types of users : the public who will publish and vote for the stories
the Streaming platforms workers who will be able to see the information of the top 5 choices
the admin who will share the results of the vote and keep the website alive

4.8	**Other**	List any additional non-functional requirements.

5 Definitions and acronyms