Authors Craft - An Enhanced Framework for Book Authoring

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Abstract:-- **Writing a book is huge long process where the authors have to pre-plan many things from the selection of topics to the publishers contact. Sometimes they don't have ideas or points to write on. The selection of layout/format for a book is also one of the important steps in writing the book. Also, when there are more number of characters in the story, author may get confused with the character name and their relationship, so to deal with this issue character sketching is provided. Author needs a complete package to deal with these issues. This project will provide complete framework of layout selection, writing, editing and creating new book. Also, the additional feature of character sketching and suggestion of topics based on author's interest will be provided. This system will allow the authors to create a book efficiently at low cost, along with topic suggestions based on user interest.**

Keywors:- **layout selection, character sketching, suggestion of topics.**

I. INTRODUCTION

This project "Author's Craft-Framework for Enhanced Book Authoring" project will provide complete framework of layout selection, writing, editing and creating new book. Authors write article, but sometimes they don't have ideas or points to write on. This takes time and effort and a lot of creativity, therefore to deal with all these issues author needs a complete package.
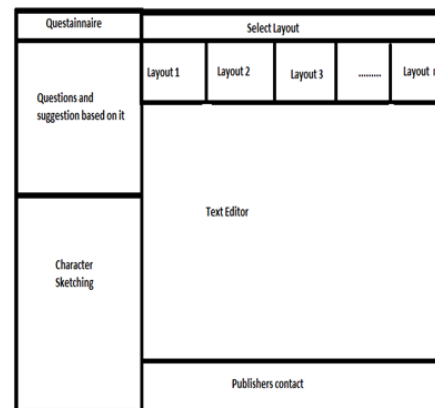
II. RELATED WORK

There are various websites over the internet which helps authors to write. But most of those websites only provide text editor and layout for writing, which is not so convenient for the beginners. Sometimes the author doesn't have topic to write on, suggestion based on user interest is not provided by any websites. Also, while writing a novel, author may sometimes get confused with the character name, character sketching helps in handling the issue which is not provided by any of those websites. Also, the third-party agent is required by the author to publish a book who charge for that, publishers contact will be provided in the proposed website. Writing a book becomes costly as these websites charge the authors on the number of pages written, the proposed system is freely available, user friendly with attractive user interface.

III. DESIGN

The idea of this project is to develop a complete framework which would be a website, using which beginners who wish to write or professional authors can write a book. For this purpose, a set of questionnaire will be provided to the user based on which suggestion of the topics will be provided.

1.Text Editor.

A text editor interface will be provided with auto save feature. Also, the various file options such as edit, insert will be provided.

2.Suggestion of topics

The list of suggest topics based on authors interest will be provided based on the questionnaire.

3.Layout selection

List of layout/theme will be provided where user can select one and can apply the same to the book.
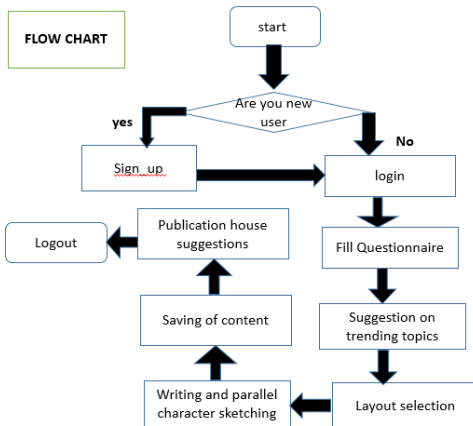
4.Character Sketching

GUI for sketching character details such as –character name, relationship among different characters, family tree etc.

IV. METHODOLOGY

To build this project Incremental process model is used, since it is divided into smaller modules and are independent of each other. The project scope and requirements are clearly laid down, at the start of the development process. This type of model is best suited for large size projects as it helps to minimize the overall risk. Overall website is created using visual studio.

Modules are as follow:

- Suggestion of topics
- This module will be created using FAROO API
- Text editor
- For this module, TINYMCE open source editor is used
- Character sketching
- Rappid Js, which is open source javascript library is used
- Theme selection
- Using Hypertext Markup Language and Cascading Stylesheets layout are created and integrated in website
- Suggestion of publisher contacts

V. FUTURE SCOPE

Although, the framework consists of many interactive features, it can be expanded

VI. CONCLUSION

The system would thus help beginners as well as professional authors to select a particular topic based on his/her interest and also the desired layout for a book using layout selection and draw a tree for the characters. It would thus reduce the confusions of the names faced by the authors during writing process and it would thus ease the process of authoring.

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