

Project Proposal: Tale Tailor

Project Overview

Tale Tailor is a mobile app designed for creative writing enthusiasts, enabling two individuals with the app to co-create compelling stories and pieces of creative writing. The app fosters creative collaboration and provides a platform for users to contribute to imaginative narratives while enhancing their writing skills. The app aims to cater to individuals seeking a creative outlet, looking for encouragement, and wishing to engage in collaborative storytelling in a time-efficient and low-commitment manner. It aims to foster a community of like-minded writers looking to express themselves and develop their writing skills in an exciting and collaborative way.

Group Information

| Name | Github Username | Role |
|------------------------------------|------------------------------------|---------------------------------|
| <i>Ammar Hatiya</i> | <i>AmmarHatiya</i> | <i>Full Stack Developer</i> |
| <i>Jonithan James</i> | <i>james0808</i> | <i>Full Stack Developer</i> |
| <i>Conor Bradley</i> | <i>bradleyc-github</i> | <i>Full Stack Developer</i> |
| <i>Dewan Mohammad Tasinuzzaman</i> | <i>Dewan-Mohammad-Tasinuzzaman</i> | <i>UI / Front-end Developer</i> |
| <i>Nadman Khan</i> | <i>KhanNadman</i> | <i>Back-end Developer</i> |

Functionality

- The app layout is designed with user-friendliness in mind, featuring three main pages. The central page serves as the starting point, providing options to commence a new collaboration, display recent contributions, and access user account information and statistics. For instance, users can track their longest streak of contributing to a story.
- Swiping to the right leads to the left screen, where users can view all their current collaborative stories. This section allows for easy management of ongoing projects and offers the option to initiate a new collaboration with friends.
- Swiping to the left from the central menu leads to a page showcasing all completed stories, enabling users to relive their shared writing experiences.

Features & Functional Requirements

Collaborative Writing

Users pair up within the app to collaboratively create a story or any creative writing piece.

Turn-Based Writing

The writing process follows a turn-based structure. Once a pair is connected on the app, either user can initiate the writing process. However, each user is restricted to a specific time limit for their contribution, possibly around 15 minutes, ensuring a fair distribution of writing time.

Alternatively, word limits can be imposed instead of time limits, depending on user preferences. (The use of dialogs and pickers will be used for this feature)

Sequential Contributions

After one user completes their writing, it is transferred to their partner, who then continues the story, adhering to the same time or word limit.

Daily Limit

Each user can contribute to a single collaborative story only once per day, encouraging regular and consistent participation. (snack bars can be used here)

Layout

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Starting new Collaborations / Updating Existing Collaborations

Swiping to the right leads to the left screen, where users can view all their current collaborative stories. This section allows for easy management of ongoing projects and offers the option to initiate a new collaboration with friends.

Showcasing Stories

Swiping to the left from the central menu leads to a page showcasing all completed stories, enabling users to relive their shared writing experiences.

Notifications

Once a collaborator has submitted their piece of the writing, the other contributor will be notified when they have done so. Reminders will also be a function in which the user can set to their liking. (Notifications used here)

Local Storage

Local storage will be used to keep a log of recent documents, search history, and other frequency/time-based data. As well, compositions/media would be available for download to the local device.

Cloud Storage

The catalogue of all compositions (Documents created) will be stored on a cloud storage platform, which enables us to have backups, and makes collaboration easier.

HTTP Requests

HTTP requests will be used to fetch and update the compositions. GET requests will be used for fetching the latest compositions, while PUT or POST requests will help with new updates.

Snack bars

We will provide updates to the user once they save a composition, or make changes (e.g., add collaborators, change the user language, etc.) in the app.

Internationalisation

The project will include support for users around the world, and will have options to reflect that. This will include interactables (buttons, dials, etc.) that support multiple languages.

Data Tables / Charts

In the stats page, users will be able to see statistics regarding the contributions they've made, in which a portion will be data visualisation (i.e. data tables or charts).

Scope

The app encourages creative expression by allowing the initial contribution to a writing piece to be unrestricted, devoid of time or word limits. Modern tools/software often overwhelm us with options, templates, and blueprints, which can hinder our creative processes and impair our artistic drive. We often spend too much time trying to optimise aspects of our writing that in the end, matter very little. Our approach eases the pressure of initiating a new story, allowing ideas to flow naturally and providing a strong foundation for the collaborative process.

