**Product vision**

For people who want a note taking tool, it aggregates a lot of features, easy to use in various scenarios. This aggregated profile tool is a Web-based application that can view a local file or cloud-storaged file, translate and annotate the file, create a note file that matches the file, and show pomodoros, to-do list, clipboard, sticky notes, book and video markers, and frequent-used web tags and so on in a display board. Finally, various forms of data are fixed in the same window, editing and classifying the material to generate the personal material database. Different from other applications which are unitary, and the practicability is not enough, our product integrates a lot of features and functions.

**Two scenarios**

**Li Ming, a college student**

Li Ming, age 20, is a student at Jinan University, who takes notes on his laptop in class. This semester he changed to a tablet to try paperless learning, in order to learn more efficiently.

In school, he uses the aggregated profile tool to view local or web based documents. He uses it to translate and annotate documents and create notes files that match the documents in bilingual classes.

In English classes, he says, he can use the software to quickly highlight his own E-textbooks, and he can create different notes for what his teacher teaches but he doesn’t quite understand in class. The tool makes it easier to identify the important and difficult points and mistakes.

When back to his dorm to study on his own, he finds that the most convenient function was the tomato clock. The tomato clock rings after a certain period of time. The clock is displayed as a billboard on the tool’s home page and he thinks it can monitor his own learning.

Li Ming loves the app, but he thinks it would be better if he could share his progress and work with others, and he’s looking forward to using it with his classmates.

**Yan Xia, an office worker**

Yan Xia, age 28, an office worker who likes to watch TV shows, usually uses a lot of office software in the company. Her position in the company is an art propagandist. She usually needs to organize a lot of material. Her job requires her to integrate the material into the design.

As an art propagandist, she believes that better integration of the material which she works with can speed up her own work and her own progress. She is very interested in the aggregated profile tool we have developed. She uses this tool primarily to manage the material that she collects on the internet. At the same time, because she likes watching TV shows, she also uses tools to help organize the links to the shows she is watching.

To make it easier for her to do her own work, she used an aggregated profile tool which was developed by us, which can let her to do a list when she visits a web page. She can keep track of her ideas whenever they come to her. When she writes notes, it can also be fixed to a number of data in the same window, to achieve writing while reading efficient work. She can also create her own library of material that she can cut out whenever and wherever she does a design search for various material websites.

In the meantime, she still has the hobby of watching teleplay, using book audio-visual marks flexibly, convenient oneself search oneself is watching teleplay updates, often using web page labels to wait.

She found the tool convenient and would continue to use it for now if she could tag the material to make it easier to manage.

**user stories**

As a student, I want an electronic notebook that I can take notes on in class so that I can highlight the important points.

As an office worker, I want a notebook to record my watching movies and movies, so that I can communicate with other fans.

As a student, I want time management software with a tomato clock to monitor my learning process.

As a designer, I want an application that can write my ideas and collect materials wherever I do and I go, so I can quickly find what I need when I need it.

As a translator, I want to translate and annotate the files I work on, create note files that match other files.

**feature list**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Serial number | | Module | Sub module | |
|
| 01 | | Document | Document translation | |
| 02 | | Document annotation | |
| 03 | | Create notes | |
| 04 | | material | Search data | |
| 05 | | data manage | |
| 06 | | Interacted | Tomato clock | |
| 07 | | To do list | |
| 08 | | Shear plate | |
| 09 | | Frequently used web pages | |
| 10 | | Book audio-visual mark | |
| 11 | | notes | |
| 12 | | user | Personal information | |
| 13 | | My collection | |
| 14 | | Log in | |
| Description of requirement | | | | |
|
| Users use this feature to translate files. | | | | |
| Users use this feature to annotate files | | | | |
| Users use this feature to create note file that matches this file. | | | | |
| Multiple forms of data are fixed in the same window for easy reference when writing notes. | | | | |
| Edit and classify the materials, and generate the personal material database | | | | |
| Tomato clock, 25 minutes at a time, 5 minutes at rest. | | | | |
| a simple to do list. | | | | |
| Passing and sharing information between various applications. | | | | |
| Frequently used web pages. | | | | |
| Mark Books users have read and movies users have watched.. | | | | |
| Notebook. | | | | |
| users' Personal information. | | | | |
| collection of frequently used web pages\To do list and so on. | | | | |
| User log in. | | | | |
| Priority | Version | | |
|
| P3 | 3.0 | | |
| P0 | 1.0 | | |
| P0 | 1.0 | | |
| P1 | 1.0 | | |
| P1 | 1.0 | | |
| P1 | 1.0 | | |
| P2 | 2.0 | | |
| P2 | 2.0 | | |
| P2 | 2.0 | | |
| P0 | 1.0 | | |
| P0 | 1.0 | | |
| P0 | 1.0 | | |
| P4 | 4.0 | | |
| P0 | 1.0 | | |

**Description**

The aggregated profile tool is a Web-based application that can view a local file or file that uploaded in cloud storage service, translate and annotate the file, and create a note file that matches the file, display of Tomato Clock To-do list, clipboard, notes, books, audio-visual signs, common web labels, etc. Finally, various forms of data are fixed in the same window, edit and classify the material to generate the personal material database.

**Constraints**

All users must have a user id and system password which they can only use in the aggregated profile tool to identify themselves. If users don’t log in with an account and password, users can’t access the system, which requires you to flag books users have read and movies users have watched.

**Comments**

In the future, we are in order to add more users need more functions, we will add more flexible user-to-user interaction, so that the users who use this software can be more free.