**A logo of a book

Description automatically generated**

**Sprint Planning Document (Sprint 1)**

**Sprint Goal Backlog (Sprint 1)**

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**High-level Project Overview**

**Project Mission:**

* Personal Book Library is creating a digital library for people with books which they would like to loan out to others to facilitate the sharing of knowledge.

**Problems We Are Solving:**

* Book Loaners forget which books they’ve loaned and to whom.
* Book Loaners don’t have a way to keep track of their library.
* Book Loaners don’t have an efficient way to remind people to return their books.

**Project Overview (High-Level Features):**

* **Website:**
  + **Sign-in/up:** Users should be able to sign in with email/password.
  + **Profile:** Should display user’s books, book info, and their status.
  + **Bookshelf**: Users should be able to filter by books loaned out and books in library.
  + **Adding a New Book:** Users should be able to add new books to their library by either manually typing or using and API Scanner to collect the ISBN information.
  + **Reminders:** Users should be able to send out reminder emails to those that they have loaned their books to.
  + **Editing Book Status:** Users should be able to edit each book’s status. If they are lending out their book, they should be able to put in the renter’s name, email, and the date.
* **Backend Services**
  + **Realtime Database**: Data for users, books, renters, etc.

**Sprint 1 Planning**

**Sprint 1 Goals:**

1. **Research the tools to be used in this project and choose database.**
2. **Design the website.**
3. **Add some functionality to homepage/dashboard.**
4. **Design the tables in the database.**

**Sprint 1 Deliverables:**

* **Research the tools to be used in this project and choose database:**
  + **Assigned:** {Angela Gardner, Kaleigh Andrzejewski}
  + Research and read through all of the necessary documentation for the tools to be used throughout the project.
* **Design the website.**
  + **Assigned:** {Mikayla Kantorski, Monica Lalor }
  + Design the various pages of the website and decide the way the user will use it.
* **Add some functionality to homepage/dashboard**
  + **Assigned:** {Mikayla Kantorski, Monica Lalor}
  + Set up the filtering system, accounts, and books in JavaScript on the front end until we can connect it to the backend.
* **Design the tables for the Database**
  + **Assigned:** {Angela Gardner, Kaleigh Andrzejewski**}**
  + Decide how we are going to store the data efficiently and effectively in the database so that we can access it with ease.