Preliminary Project Schedule Document

Project Name: Barcode Grocery List (BCGL)

Team Name: RAID Inc.

Document Version Number: v2.0 (Final Draft)

Date: 2-17-21

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Version	Primary Author(s)	Description of Version	Date Completed
Rough Draft: Version 1.0	Bailey Martin, Andrew Moore, Josh Davidson, Kyle Hieb	Initial Preliminary Project Schedule Rough Draft	2/10/21
Final Draft: Version 2.0	Bailey Martin, Andrew Moore, Josh Davidson, Kyle Hieb	Initial Preliminary Project Schedule Final Draft	2/17/21

Introduction

Barcode Grocery List is a mobile application which will allow shoppers to create a shopping list on their phone or other mobile device, by scanning the barcode of the item that they intend to buy. Users can also look up the SKU number of the product if they are not able to utilize the barcode scanner feature. In addition, there will be a companion Web application that will allow users to view or manually add items to their shopping lists from a modern Web browser. This gives users the flexibility to be able to access their shopping lists from any device with Internet connectivity. Also, there will be an option to create more than one shopping list. An example of this would be to create a grocery list and a Christmas list using the same account. Using BCGL account credentials, the user will be able to access their saved lists from multiple devices. The software will also display general product information for each product that is placed on a user's shopping list.

Important Project Dates

- **January 2021**
  - **13th**: Project Topic Selection Due
  - **27th**: Software Requirements Specification Document Rough Draft Due

- **February 2021**
  - **3rd**: Project Blog/Website must be online
  - **8th**: Software Requirements Specification Document Final Version Due
  - **10th**: Press Release 1 Rough Draft Due
  - **10th**: Project Schedule Rough Draft Due
  - **15th**: Press Release 1 Final Version Due
  - **17th**: Project Schedule Final Version Due
  - **22nd**: Introductory Project Presentation

- **March 2021**
  - **1st**: Design Document 1 Rough Draft Due
  - **8th**: Design Document 1 Final Version Due
  - **22nd**: Design Document 2 Rough Draft Due
  - **29th**: Design Document 2 Final Version Due
  - **31st**: Status Meeting/Presentation
  - **31st**: Prototypes Due

- **April 2021**
  - **7th**: Press Release 2 Rough Draft Due
  - **12th**: Press Release 2 Final Version Due
  - **14th**: User's Manual Rough Draft Due
  - **21st**: User's Manual Final Version Due
  - **26th**: Project Due
  - **26th**: Final Presentations

o **28th**: Final Report Due

Glossary

- Definition of the terms and acronyms used in this document:
    - **BCGL**: *Barcode Grocery List*. This is the software product that is being developed by RAID Inc.
    - **Gantt Chart**: A visual chart and timeline indicating project tasks and when in the project each task should be started and completed.
    - **Kanban Board**: A visual organizational tool containing multiple columns. This board is used to track project progress and to organize development tasks.
    - **RAID Inc.**: Company developing the BCGL software as a part of the University of Mount Union's Practice of Software Engineering course
    - **SRS**: Software Requirements Specification Document

Project Schedule

A Gantt Chart and a general preliminary project schedule have been completed for this project. A screenshot of the Gantt Chart and our GitHub Kanban Board are located below. The Gantt Chart will serve as a visual timeline for the project. Additionally, all development tasks will also be placed on the team Kanban board and will be updated as the project progresses. The Kanban board will help to keep us on schedule, and to easily identify which tasks we are to presently work on.
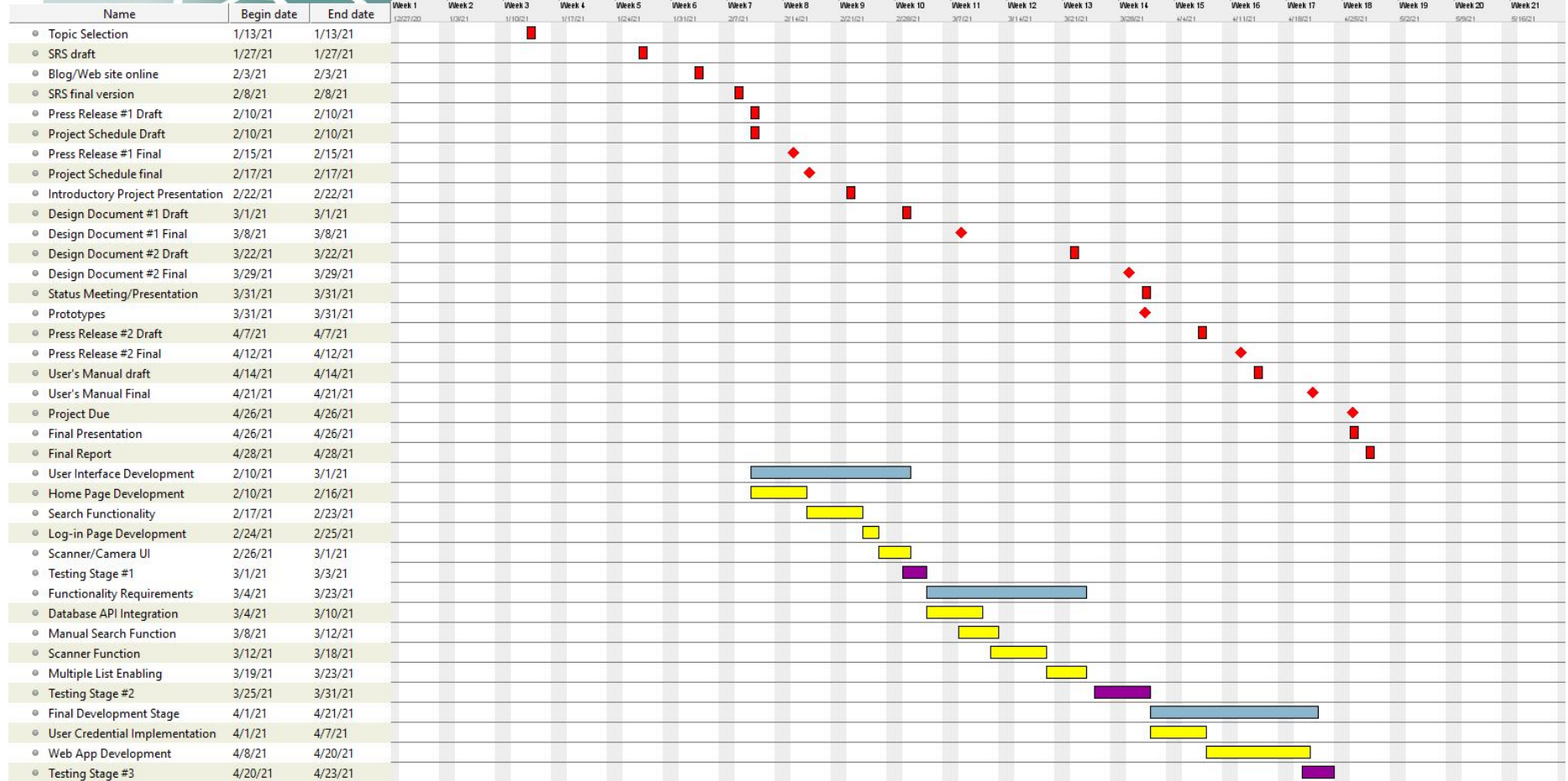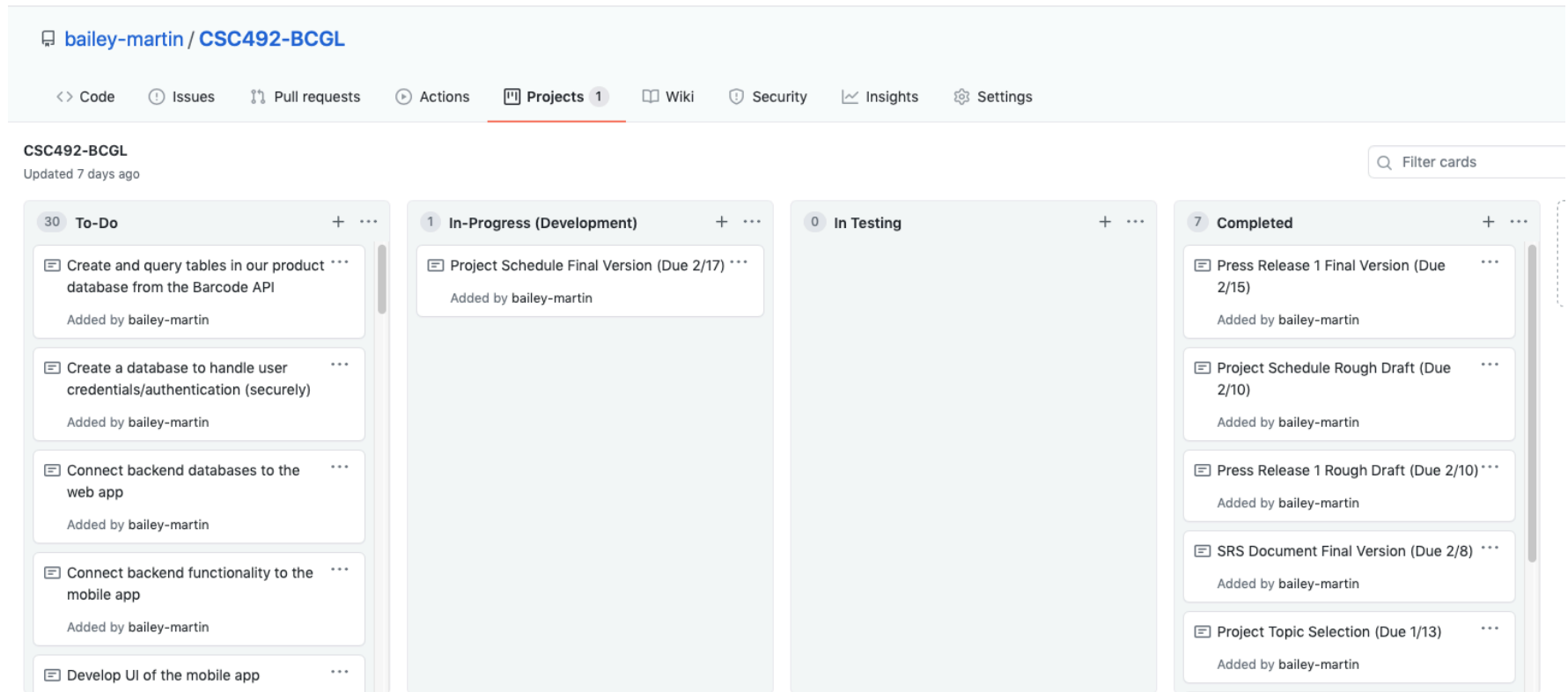
Name	Begin date	End date
Topic Selection	1/13/21	1/13/21
SRS draft	1/27/21	1/27/21
Blog/Web site online	2/3/21	2/3/21
SRS final version	2/8/21	2/8/21
Press Release #1 Draft	2/10/21	2/10/21
Project Schedule Draft	2/10/21	2/10/21
Press Release #1 Final	2/15/21	2/15/21
Project Schedule final	2/17/21	2/17/21
Introductory Project Presentation	2/22/21	2/22/21
Design Document #1 Draft	3/1/21	3/1/21
Design Document #1 Final	3/8/21	3/8/21
Design Document #2 Draft	3/22/21	3/22/21
Design Document #2 Final	3/29/21	3/29/21
Status Meeting/Presentation	3/31/21	3/31/21
Prototypes	3/31/21	3/31/21
Press Release #2 Draft	4/7/21	4/7/21
Press Release #2 Final	4/12/21	4/12/21
User's Manual draft	4/14/21	4/14/21
User's Manual Final	4/21/21	4/21/21
Project Due	4/26/21	4/26/21
Final Presentation	4/26/21	4/26/21
Final Report	4/28/21	4/28/21
User Interface Development	2/10/21	3/1/21
Home Page Development	2/10/21	2/16/21
Search Functionality	2/17/21	2/23/21
Log-in Page Development	2/24/21	2/25/21
Scanner/Camera UI	2/26/21	3/1/21
Testing Stage #1	3/1/21	3/3/21
Functionality Requirements	3/4/21	3/23/21
Database API Integration	3/4/21	3/10/21
Manual Search Function	3/8/21	3/12/21
Scanner Function	3/12/21	3/18/21
Multiple List Enabling	3/19/21	3/23/21
Testing Stage #2	3/25/21	3/31/21
Final Development Stage	4/1/21	4/21/21
User Credential Implementation	4/1/21	4/7/21
Web App Development	4/8/21	4/20/21
Testing Stage #3	4/20/21	4/23/21

RAID Inc. GitHub Kanban Board:

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- Kanban Board Columns
  - o **To-Do**: Project tasks that have not yet been attempted
  - o **In-Progress**: Project tasks where development has started and is currently ongoing
  - o **In Testing**: Items that have been fully developed, but are in the process of being tested to ensure a maximum level of quality
  - o **Completed**: Items that have been fully developed, tested, and are ready for use by the public