

Project Milestone 2

Stackoverflowers - Team 7 - Section 101

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1 Project Features

1. Create Account, Login - Users will have the ability (option) to create an account with their Identikey. An account is required to recover a lost item, but users may browse lost and found items without an account.
2. Post Listing for Lost or Found Items - Includes ability to post, edit, and delete listings for both students and faculty.
3. Add Photos to Listings - Users should add at least one photo from their camera roll or the built-in camera feature to make the item recognizable.
4. Search, Browse Items - Browse both the lost and found listings using search terms: type, color, date found, and/or location found.
5. Receive Notifications - Users may opt-in to receive lost and/or found notifications for items matching a description they choose.
6. Send Messages Between Users - Direct messages allow users to communicate about lost and/or found items and where the item can be recovered.
7. Locate Lost & Found Offices - Users may locate the closest office to turn in a found item or pick up a lost item.
8. Verify Identity - Faculty will verify the identity of claimants using their account information (they must have an active account).
9. Record Claimant Information for Security - Faculty will issue a waiver and record the data of all claimants for security purposes and to discourage dishonesty.

2 Requirements

Functional:

- The software automatically validates users against the Identikey database
- The listings system should allow users to post, edit, and delete listings
- The search system should allow users to browse/search items according to their set preference
- The software should prompt the user to add a photo from their album, or use the built-in camera to snap a photo of the item when creating a new listing
- The mapping system should prompt the user to add a location lost/found when creating a new listing
- The messaging system should allow users to send direct messages to each other (must have an account)
- The verification system should allow faculty to record claimant data and issue security waivers

Non-Functional:

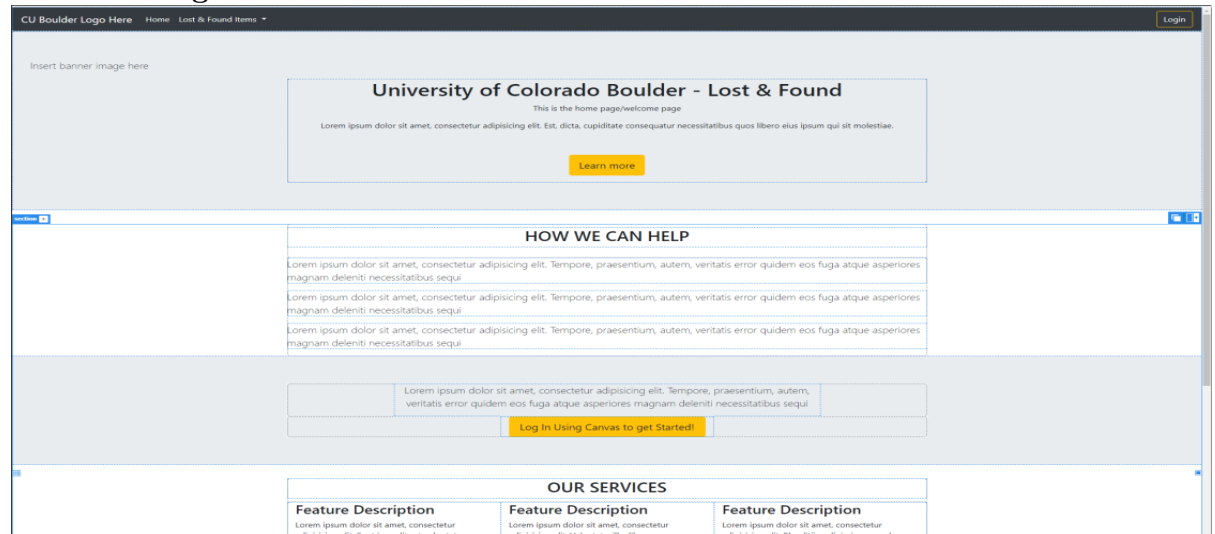
- The application must be easy and simple to navigate. Users should have little trouble finding the page they are looking for.
- The system must alert users when maintenance is taking place. Maintenance should happen during hours of low usage (such as overnight).
- The website database must be scalable to store data for all students and staff currently attending/working at CU.
- The system must have proper security to avoid data leaks since accounts will be linked to Identikey.

3 Project Plans

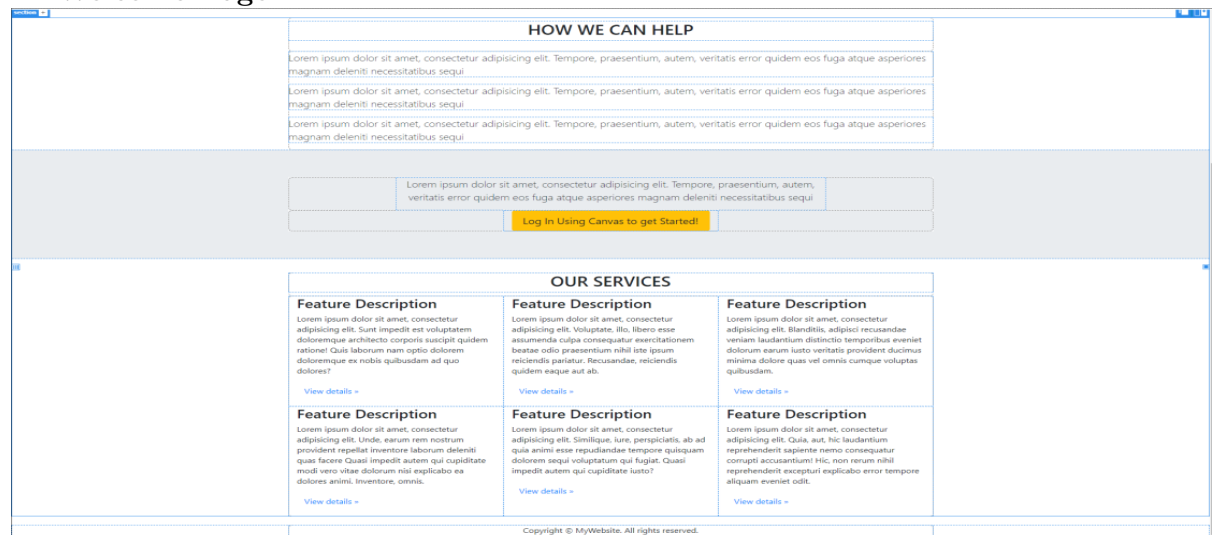
Jira: We will be utilizing Jira to manage and track application features by adding features into epic's and creating sprints (answering WHO, WHAT, WHEN for tasks within each sprint). [Link](#)

4 Wireframes

Welcome Page



Welcome Page 2



Sign Up Page

Insert banner image here

University of Colorado Boulder - Lost & Found

This is the sign in/sign up page

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[Sign in Using Canvas](#)

OR Sign up using the form below

Sign-In Form

Sign up

At least 8 characters and 1 digit

Optional - for two step authentication

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Browse Items Page

CU Boulder Logo Here

Home

Lost & Found Items

Login

Insert banner image here

University of Colorado Boulder - Lost & Found

This is the browse/search for lost/found items page

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[Start Search!](#)

SEARCH FOR LOST ITEM

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5 Individual Contributions

Andrew - Created Use Case Diagrams, Wireframes, and content for the project milestones/group lab work. Coordinate meeting times for the group. Helped brainstorm ideas for the application and writing descriptions. Create LaTeX templates and pdf's for Milestone 1 - 2.

Alex - Worked on all aspects of project milestones including developing application description, use cases, Project Plan on Jira, and helped complete LaTeX document for Milestone 2 . Have been contributing to project planning and brainstorming app features.

Kelsey - Came up with application idea and has been talking with OIT and other outside sources to work on integrating this web application with BuffPortal/Canvas.

Nikkii - Wrote descriptions, helped brainstorm app features, added epics and sprints to Jira board, worked on project requirements.

Ian - Worked on project milestones and group labs. Also worked on brainstorming some ideas for the application.