Project Source

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Tools Used

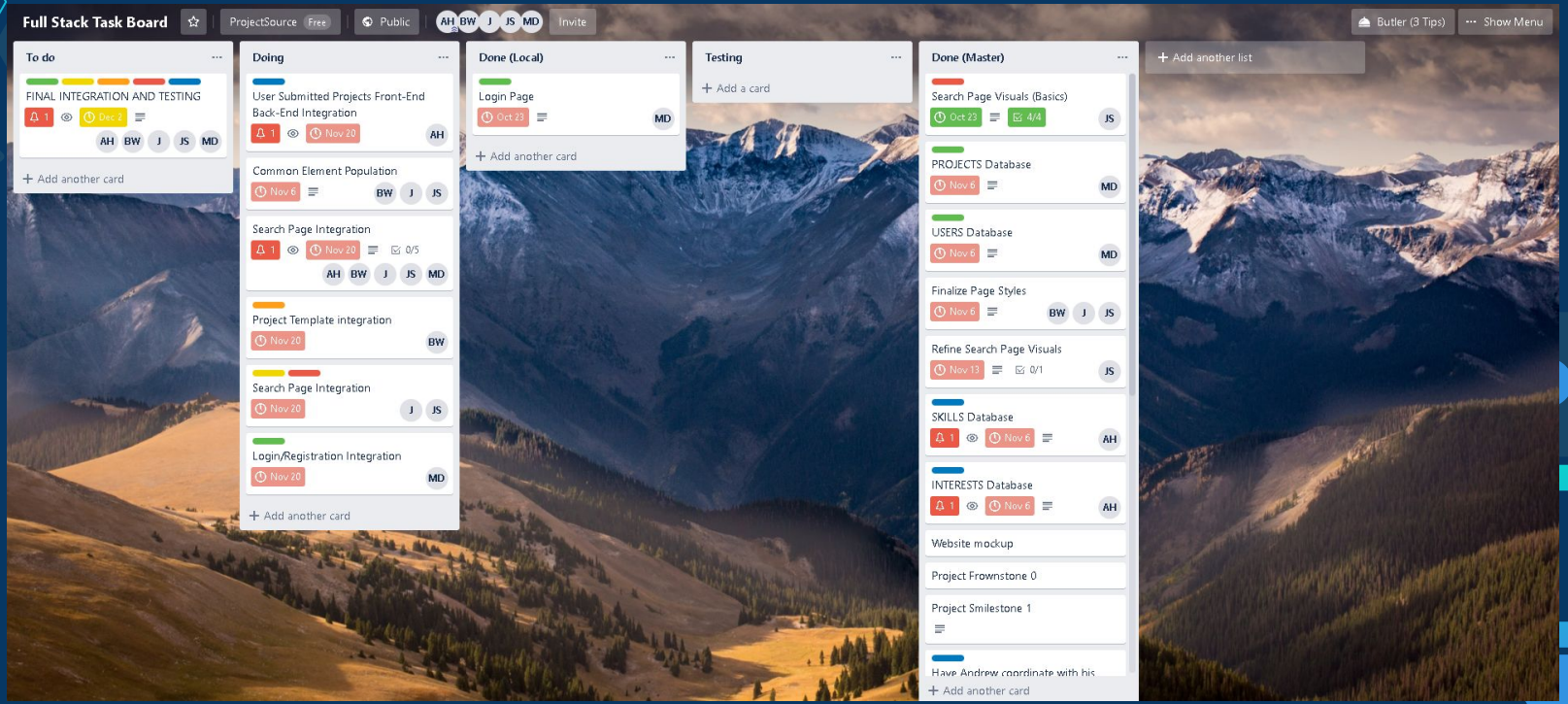
Project Tracking

VCS

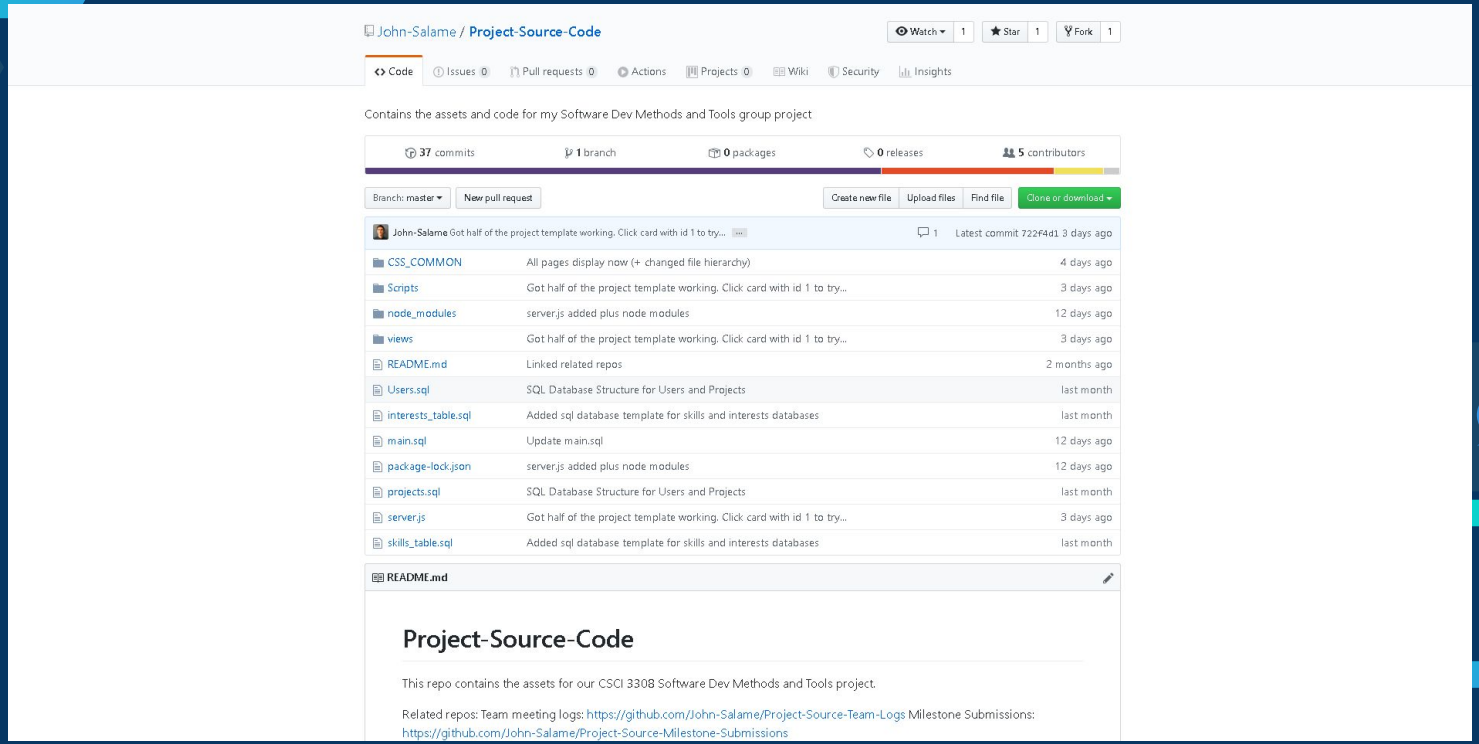
Development Methodology

- Agile Development
- Planned Sprints
- Weekly Scrum Meetings

Project Tracking



VCS (Github)


John-Salame / Project-Source-Code
Watch 1
Star 1
Fork 1
Code
Issues 0
Pull requests 0
Actions
Projects 0
Wiki
Security
Insights
Contains the assets and code for my Software Dev Methods and Tools group project
37 commits
1 branch
0 packages
0 releases
5 contributors
Branch: master
New pull request
Create new file
Upload files
Find file
Clone or download
John-Salame Got half of the project template working. Click card with id 1 to try...
Latest commit 722f4d1 3 days ago
CSS_COMMON All pages display now (+ changed file hierarchy) 4 days ago
Scripts Got half of the project template working. Click card with id 1 to try... 3 days ago
node_modules server.js added plus node modules 12 days ago
views Got half of the project template working. Click card with id 1 to try... 3 days ago
README.md Linked related repos 2 months ago
Users.sql SQL Database Structure for Users and Projects last month
interests_table.sql Added sql database template for skills and interests databases last month
main.sql Update main.sql 12 days ago
package-lock.json server.js added plus node modules 12 days ago
projects.sql SQL Database Structure for Users and Projects last month
server.js Got half of the project template working. Click card with id 1 to try... 3 days ago
skills_table.sql Added sql database template for skills and interests databases last month
README.md
Project-Source-Code
This repo contains the assets for our CSCI 3308 Software Dev Methods and Tools project.
Related repos: Team meeting logs: https://github.com/John-Salame/Project-Source-Team-Logs Milestone Submissions:
https://github.com/John-Salame/Project-Source-Milestone-Submissions

Database

Database Cont.

SKILLS:

Key	Name
1	HTML
2	CSS
3	Database This is already in interests
4	HTTP Server
5	API Access
6	Oauth
7	Error Handling
8	NONE
9	JavaScript
10	SQL
11	Swift
12	Kivy
13	IOS Dev
14	Android Dev
15	Systems
16	NONE
17	Password Cracking
18	Kali Linux
19	SQL Injection
20	XSS
21	Buffer Overflow Attacks
22	Python
23	Text Classification

Database Cont.

INTERESTS:

Key	Name
1	Web Dev
2	Blog
3	Databases
4	Automation
5	Authentication
6	NONE
7	API Usage
8	Mobile Dev
9	Ethical Hacking
10	Penetration Testing

Database Cont.

Users:

User (string)	Password(string)	Skills array of ints	Interests array of ints
John Smith	hunter27	[1,2,3,4]	[1,4,6,7]

Projects.

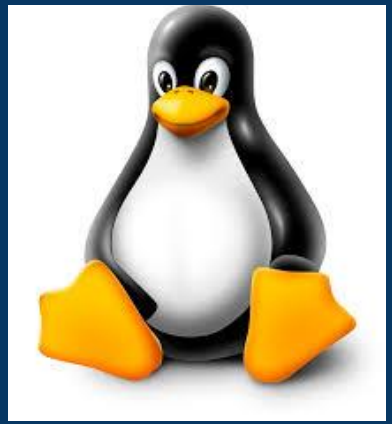
Project title(string)	description(string)	Skills(array of ints)	interests(array of ints)	link(string)
Sample	Sample project	[1,3,4,6]	[2,4]	http://link.com

Testing Methodology

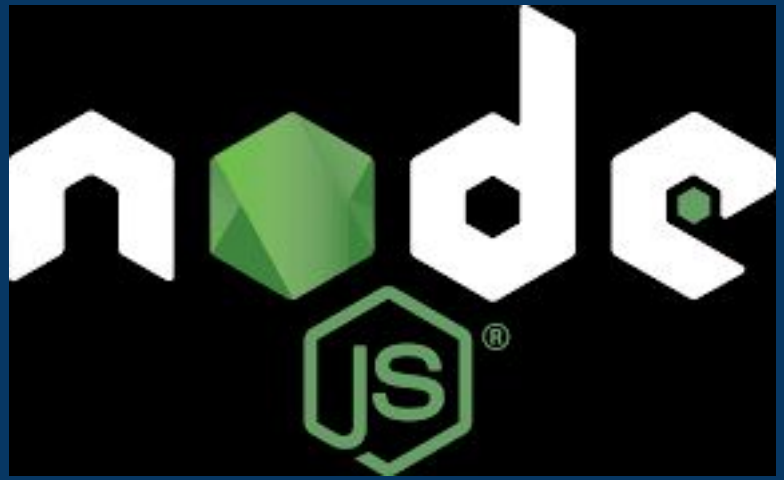
- Small Number of test cases, easily checked by hand
- Unit testing for each test case/possible user action
- Integration testing
- User acceptance testing on friends who are fellow C.S. students (anticipated user group)

Deployment Environment

- Locally hosted on Linux machine



Framework



Challenges

- Time Management
  - Effective management and delegation of tasks
  - Overcome with effective communication and Trello
- Integration Layer
  - Conceptually challenging
  - Overcome using effective teamwork and knowledge sharing, and independent study
- Search Function
  - Needed to define the manner that users can search the project database
  - Overcome through research into the most effective/easy to use search mechanisms