

# Project Source

By Andrew Hahn, Ben Wright, Mason Dobbins,  
John Salame, and Jarod Laroco

# Tools Used



Project Tracking



VCS

# Development Methodology



- Agile Development
- Planned Sprints
- Weekly Scrum Meetings



# Project Tracking

**Full Stack Task Board** ☆ ProjectSource Free Public AH BW J JS MD Invite

Butler (3 Tips) Show Menu

**To do** ...

FINAL INTEGRATION AND TESTING

1 ⌚ Dec 1 AH BW J JS MD

+ Add another card

**Doing** ...

User Submitted Projects Front-End Back-End Integration

1 ⌚ Nov 20 AH

Common Element Population

Nov 6 BW J JS

Search Page Integration

1 ⌚ Nov 20 0/5 AH BW J JS MD

Project Template integration

Nov 20 BW

Search Page Integration

Nov 20 J JS

Login/Registration Integration

Nov 20 MD

+ Add another card

**Done (Local)** ...

Login Page

Oct 23 MD

+ Add another card

**Testing** ...

+ Add a card

**Done (Master)** ...

Search Page Visuals (Basics)

Oct 23 4/4 JS

PROJECTS Database

Nov 6 MD

USERS Database

Nov 6 MD

Finalize Page Styles

Nov 6 BW J JS

Refine Search Page Visuals

Nov 13 0/1 JS

SKILLS Database

1 ⌚ Nov 6 AH

INTERESTS Database

1 ⌚ Nov 6 AH

Website mockup

Project Frownstone 0

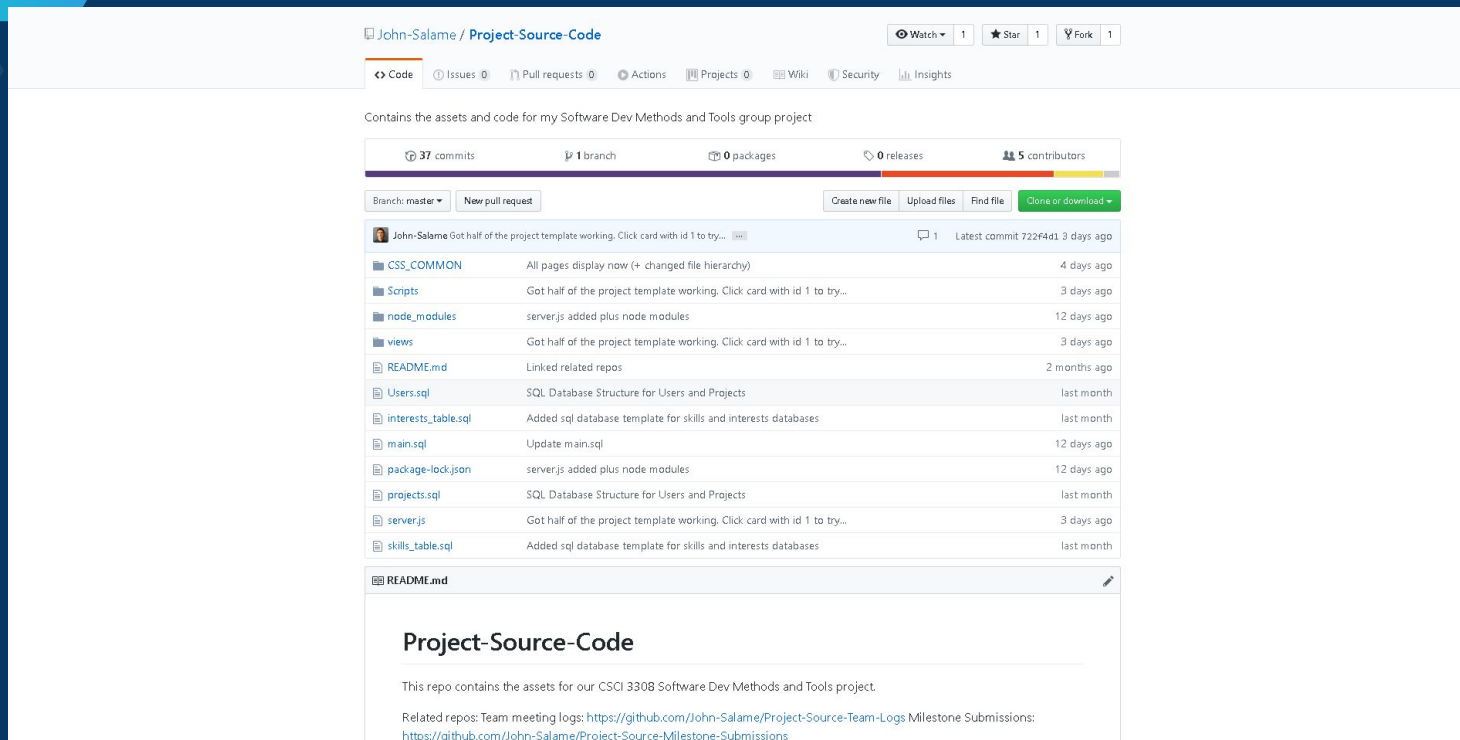
Project Smilestone 1

Have Andrew coordinate with his

+ Add another card

+ Add another list

# VCS (Github)



The screenshot shows a GitHub repository page for 'Project-Source-Code' by John-Salame. The repository is described as 'Contains the assets and code for my Software Dev Methods and Tools group project'. It has 37 commits, 1 branch, 0 packages, 0 releases, and 5 contributors. The repository is on the 'master' branch. The file list includes:

File	Description	Last Commit
CS_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

The README.md file is displayed below the file list. It contains the following text:

## 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]	<a href="http://link.com">http://link.com</a>





# 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

