

Initial Project Description

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Project Name: skilltree

Project Synopsis: A community-driven approach to skill verification.

Project Description: In today's society there are countless ways to gain new skills and acquire new knowledge. The industry around knowledge and skill acquisition is massive: Public K-12, Universities, Online educators like Khan Academy, Certification programs of all sorts; all this to the tune of \$1.2 trillion annually.

However, if somebody wants to prove to others that they have those skills, their options are much more scarce. If you want to claim that you're competent in a broad field, you better have a college degree to back that statement up. If you want to claim knowledge in a specific domain, hopefully there'll be a certificate program built for that topic. There are significant problems with both of these routes, though. College educations are extremely varied across institutions, and, absent an intimate knowledge with every university's degree program, companies will tend to recruit based on broader school reputation instead of individual performance. Certificate programs, on the other hand, are often specialized to the point of limitation. They are often organized to accompany specific training regimens by the people who created those trainings, and there is little guarantee that the skills will generalize beyond that technology.

There is a need for a generalized and centralized platform for skill verification, and that's what we're building.

Project Milestones:

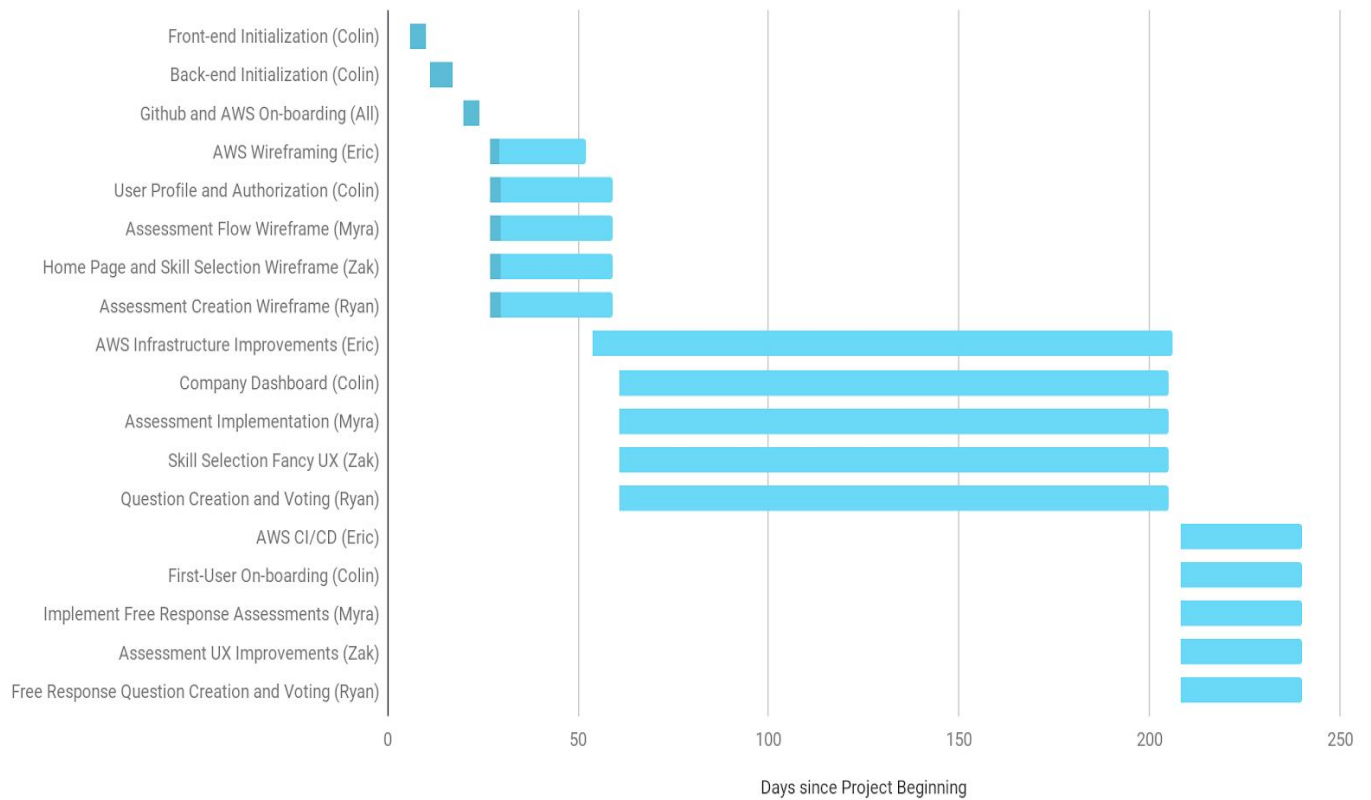
Fall 2020:

1. Page Mockups and User Flow Diagrams -- (10/16/20)
2. Integrate React Front-end with AWS Back-end -- (10/30/20)
3. Implement First Front-end pages -- (11/13/20)
4. Barebones Application with Working Endpoints -- (11/27/20)

Spring 2021:

1. Skill Selection Page Designed and Implemented -- (1/29/21)
2. Company and Recruiter Dashboard Implemented -- (2/26/21)
3. Assessment Flow Implemented -- (3/26/21)
4. Assessment Creation Implemented -- (3/26/21)
5. First Users On-boarded -- (4/16/21)

Gantt Chart



Project Budget:

Item Name	Date Needed	Amount
Website Domain	10/31/20	\$30
AWS Credits	12/31/20	\$50
Total	--	\$80