First Sprint Retrospective

15/09/2020

Abdiaziz, Auren, Girish, Miles, Will

The first sprint was tasked with creating a minimalist version of the final project. After taking a few weeks to get our understanding reading for creating the product, we decided to push some of features into the second sprint and decided instead for the main focus of this sprint to be getting our understanding of web development up to scratch.

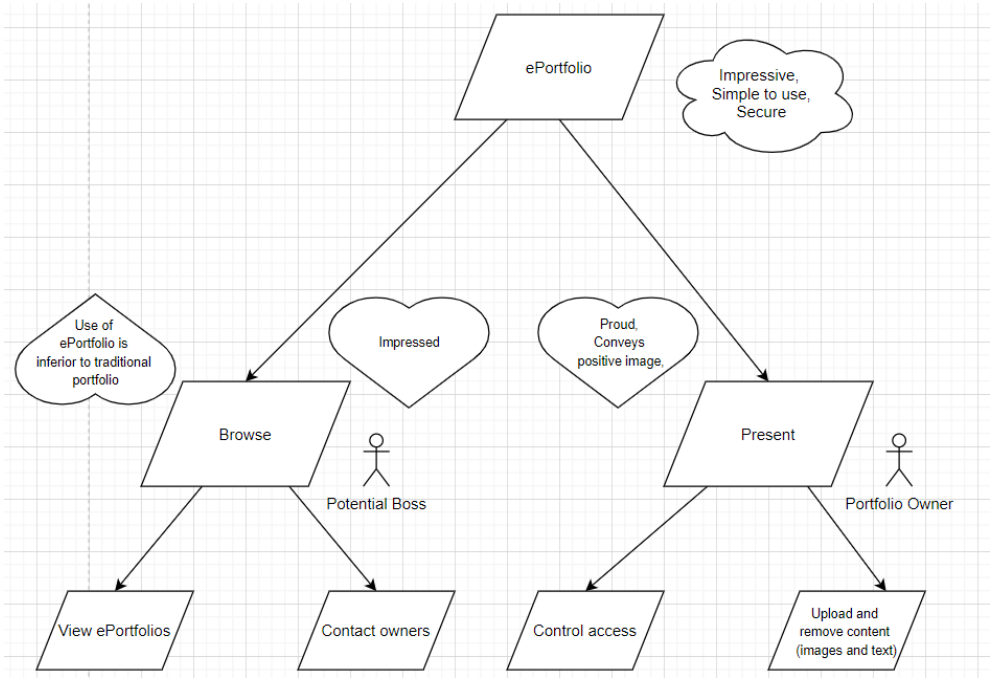
Completed tasks

Task	By	Description	Changes	What worked well	Improvements
Basic understanding of front and back end development	All team members	Through creating basic web applications	N/A	Taking our time and not getting overwhelmed with not understanding everything	Remember to not get overwhelmed
Group Work	All team members	Group tasks are delegated during team meetings. Members work together to communicate what they feel they are best suited for/ can contribute most effectively with.	Meeting more regularly even if tasks have not yet been completed	Having regular check-ins helps ensure that everyone continues to work productively, not getting stuck on a single problem on their own	It has been difficult to estimate the expected difficulty which has led to certain aspects of the project falling behind. Continuing to increase our understanding of web development will greatly benefit our productivity
Team meetings	All team members	Regular group meetings are carried out through meet.google so as to make sure each member knows how everyone is going and what to work on. Meetings are sequedualled using slack	Organising meetings has been found to work best when done through Slack	Clear communication between members, with each member knowing how to utilise their own skills well	Make certain before the meeting ends that everyone knows what their current job is
Record meetings	Will	The topics covered and decisions made during each meeting are record so that they may easily be referred to later	More information has been added for each meeting	Simple list layout works best	Adding in an agenda to keep the group meetings concise and efficient

Project setup	Abdiaziz	Frontend app was set up using React, backend using NodeJS and express and the database chosen was MongoDB	Database has changed from mongodb to firebase to be implemented in the second sprint	Getting everyone on the same page so that we everyone can understand how to contribute effectively to the project	There is still room for improvement with everyone understanding the full scope of how everything works together
User stories	Miles	A table was used to identify the different tasks and goals users want to achieve	Carried out as planned	Keeping it comprehensive and clear	Create more specific roles/ user types
User Personas	Auren	Two user persona were created using xtensio.com/user-persona/ . They are a potential employer who is highly motivated and a recent uni grad struggling to find work	This was carried out as planned	Creating specific, realistic archypes	Creating more personas as well as integrating the personas needs into the design.
Do/Be/Feel diagram	Miles	A diagram was created using draw.io to show the do/be/feel needs of the different uses	Carried out as planned	Keeping it concise	Add more detail for users of the system
Backend setup for user registration and and storage	Abdiaziz	The backend was configured such that users can register, creating a password that is encrypted before being stored to keep data storage secure. This is done using jsonwebtoken as well as a salt from bcryptjs	Carried out as planned	Using a well known robust and well know approach works well	Switching to firebase database as the authentication methods are built in and hence much simpler to implement
Basic profile setup	Auren	A basic profile component was set up which contains within it an about me, portfolio and display picture component. This will be used as the foundation to continue developing this component.	This task was carried out as planned	Componentizing everything so that each part can easily be managed on it's own	The visual design is overly simple and needs further work
Front end user login/logout	Miles	The ability to have a state of logged in/logged out was completed using localStorage and hooks	Initial idea was naive, required a different approach	It works as intended	Add more frontend functions for users

Registration functionality	Will	Added the ability for users to fill out a form and press register to be added to the database. These credentials can then be used to login in	Carried out as expected	Simple, elegant styling	Styling and more ways to register (eg via social media accounts)
System design architecture	Auren	The architecture of the project was drawn out in draw.io so as to visualise the project design	Completed as expected	Keeping it simple and concise	The current model functions well
Home and profile page visual designs	Girish	Three different designs were sketched in OneNote and then shown to the client	Designs included more information than necessary. It was decided that the minimalistic designs were best	The simple and straightforward designs	Designs should be a more collaborative process to get more perspectives on the design. Less is more in terms of visual impact on user
Home page	Girish	The landing page for the web app was created using react js	Rather than having a single background image, a slideshow of images is used	Keeping it simple has the greatest visual impact	improving the font size, button size and the colours of the text

Do/Be/Feel Diagram

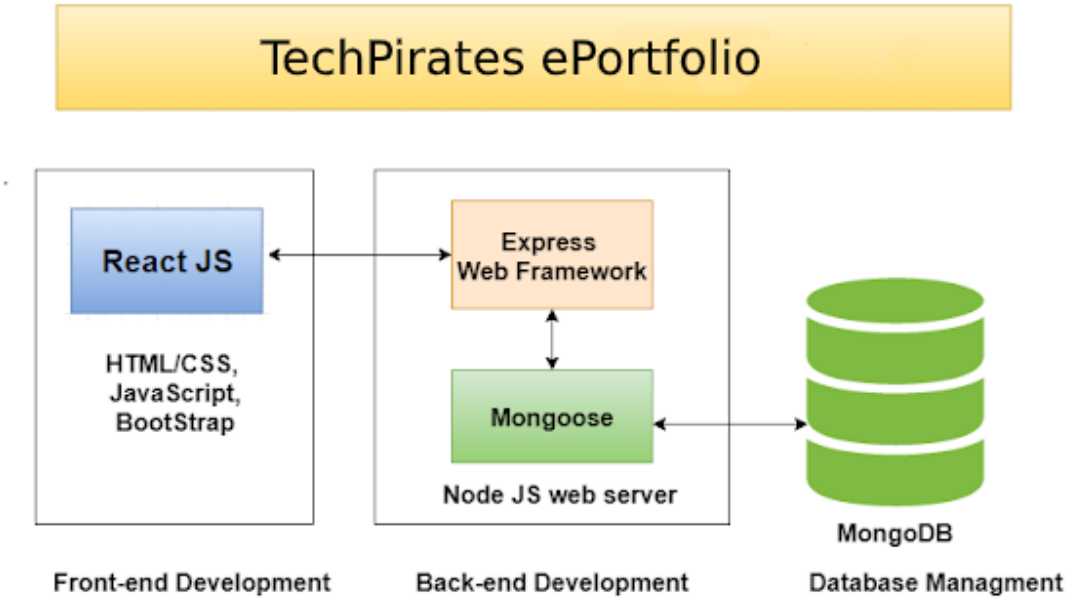


User Stories

(Highlighted requirements have been completed)

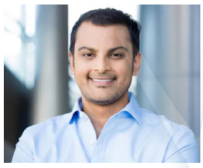
ID	As a <Role>	I want to <Do something>	So that <Achieve some goals>	Priority
1	ePortfolio owner	Upload content	Work can be showcased	HIGH
2	ePortfolio owner	Delete/hide content	ePortfolio can be reorganised	HIGH
3	ePortfolio owner	Control access to ePortfolio	Privacy can be controlled	MEDIUM
4	ePortfolio owner	Create and edit bio	I can explain who I am	LOW
5	ePortfolio owner	Register	I can use the ePortfolio	HIGH
6	ePortfolio owner	Login/logout	I can access my profile	HIGH
7	ePortfolio owner	View ePortfolio as employer would	I can assess the presentation of my ePortfolio	MEDIUM
8	Viewer - employer	View ePortfolio	I can decide who to hire	HIGH
9	Viewer - employer	Contact owner of ePortfolio	I can ask them questions or hire them	MEDIUM
10	Software developer	Ensure code is understandable	It can be maintained	MEDIUM
11	Software developer	Easily modify/extend the system	I can be more productive	MEDIUM
12	Client	The system to be reliable	It is available and usable all of the time	HIGH
13	Client	The system to be complete	Requirements are met	HIGH

System Architecture



User Personas

Max Adastal



"Uni students have put in years of hard work, we've really put it in"

Age: 24
Work: Recent software grad
Family: Single
Location: Melbourne

Personality

Introvert — Extrovert
Thinking — Feeling
Sensing — Intuition
Judging — Perceiving

Friendly | Smart | Shy

Goals

- To land a job even though he has not prior experience working in it
- To be able to showcase his uni work well
- To succeed
- To not get frustrated with the ePortfolio site

Frustrations

- How you get experience if everyone wants you to already have experience
- Not being considered for a job because he only has a uni degree
- People not respecting his achievements

Bio

I have worked hard throughout uni, putting in a good, sound effort. I have not worked in IT as I have been studying full time throughout my whole degree. Uni was hard work but I got through. Now I am frustrated with how hard it is to find a job as everyone wants me to already have years of experience in everything.
I want to be able to put together a portfolio that demonstrates the skills I have learnt throughout my degree so that employers can see the skills and work ethic I have built throughout university

Motivation

Incentive
Fear
Growth
Power
Social

Preferred Channels

IT & internet
Online & Social Media
Traditional business methods

Melissa Harraway

"Hard work and persistance is all there is too it"

Age: 30
Work: Software CEO
Family: Married, kids
Location: Melbourne

Personality

Introvert — Extrovert
Thinking — Feeling
Sensing — Intuition
Judging — Perceiving

Optimistic | Hard working | Determined

Goals

- For tasks to be completed effieciently and thoruoughly
- To form a team of hard working, clever employees
- To succeed
- To be able to easily judge the potential employees portfolios

Frustrations

- People not putting in enough work
- Being slowed down by others
- The ePortfolio site does not feel professional
- Too much time wasted navigating an ePortfolio site

Bio

I am a hard working, clever woman. I have gotten here through persistance. Sucess isn't easy but time and effort give results. Here at my company I expect nothing but that from my team. We are a productive, modern software company known for our high quality product designs.

I am working tirelessly to continue to grow and expand my company with likeminded professionals

Motivation

Incentive
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Power
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Online & Social Media
Traditional business methods

Git History

Filters | is:pr is:closed | Labels 9 | Milestones 0 | New pull request

Clear current search query, filters, and sorts

0 Open | 16 Closed | Author | Label | Projects | Milestones | Reviews | Assignee | Sort

- Login logout functionality — 1
  #16 by mileslamberti was merged 2 days ago • Approved
- Dropzone file upload
  #15 by Huntling94 was merged 2 days ago • Review required
- Myprofile
  #14 by misko2da was merged 6 days ago • Review required
- Upload portfolio — 1
  #13 by Huntling94 was merged 7 days ago • Approved
- Pulled navbar out of app.js and into it's own component
  #12 by misko2da was merged 7 days ago • Review required
- Register user
  #11 by Huntling94 was merged 10 days ago • Review required
- Fixing merge error
  #10 by abdiazizf was merged 14 days ago
- Auren branch — 1
  #9 by gmadnani was closed 14 days ago • Review required
- AurenBranch — 1
  #8 by misko2da was merged 14 days ago • Approved
- Update README.md
  #7 by abdiazizf was merged 15 days ago • Review required
- Added Server side functionality for user registration. Added .env file for security.(Database Credentials) — 1
  #6 by abdiazizf was merged 14 days ago • Approved
- server — 5
  #5 by gmadnani was closed 15 days ago • Changes requested
- Will experimentation
  #4 by Huntling94 was merged 17 days ago • Approved
- Pull Request Test — initial registration component — 1
  #3 by Huntling94 was merged 22 days ago • Review required
- Update README.md
  #2 by abdiazizf was merged 25 days ago • Review required
- Create README.md
  #1 by abdiazizf was merged 25 days ago • Review required