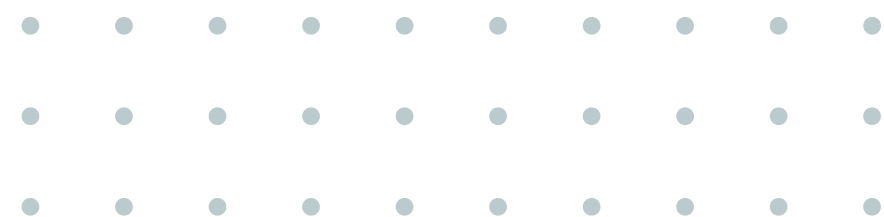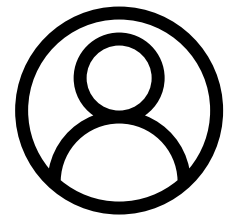# WORKSY

Casandra, Evan, Tung, Noel & Diljot

OUR ORIGINAL VISION

In a world where many students face challenges due to limited experience and professional networks, Worksy emerges as an indispensable solution. Worksy is committed to bridging the gap between students seeking valuable work opportunities and anyone in need of specialized services.
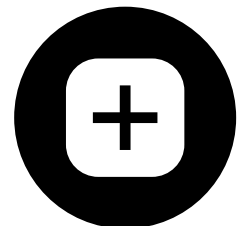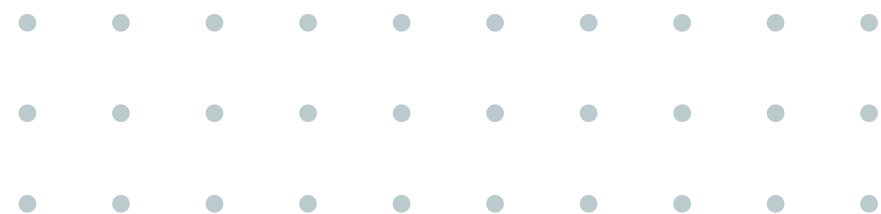
FEATURES OVERVIEW

Account – An account is an important feature in any application where you need to differentiate between users. In our application, this feature is required as there is 2 types of users; students and non–students. Only students are allowed to create posts.

Post – Posts allow users to create detailed listings for the products and services they wish to buy or sell. Users can include information such as titles, descriptions, and prices. Each post serves as a communication hub between users.

Search – The search function allows users to find a post that offers the service that they are looking for. Users are able to filter their searches by applying price ranges and categories. Along with this users are able to sort by relevance, date and price.
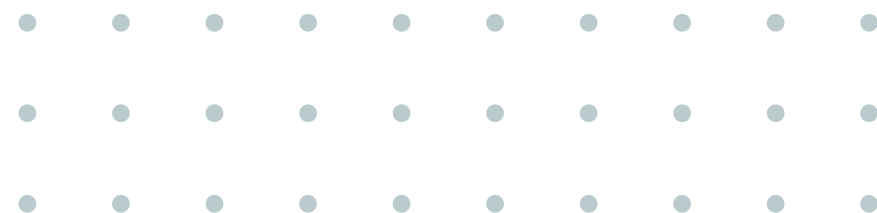
FEATURES OVERVIEW

Review – The review feature allows users to rate and comment on a posting. This gives the posting user direct feedback on their product or service. An averaged review score is displayed on each post.

Chat –The chat feature allows for one-on-one chats between users. A chat can only be created between the user who has created a post and an inquiring user. All chats can be found in one centralized location where you can view all of your ongoing chats so that they are easy to find.
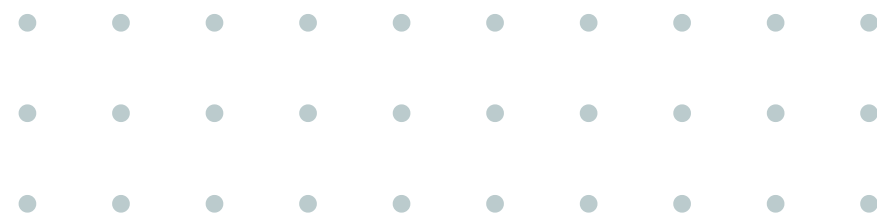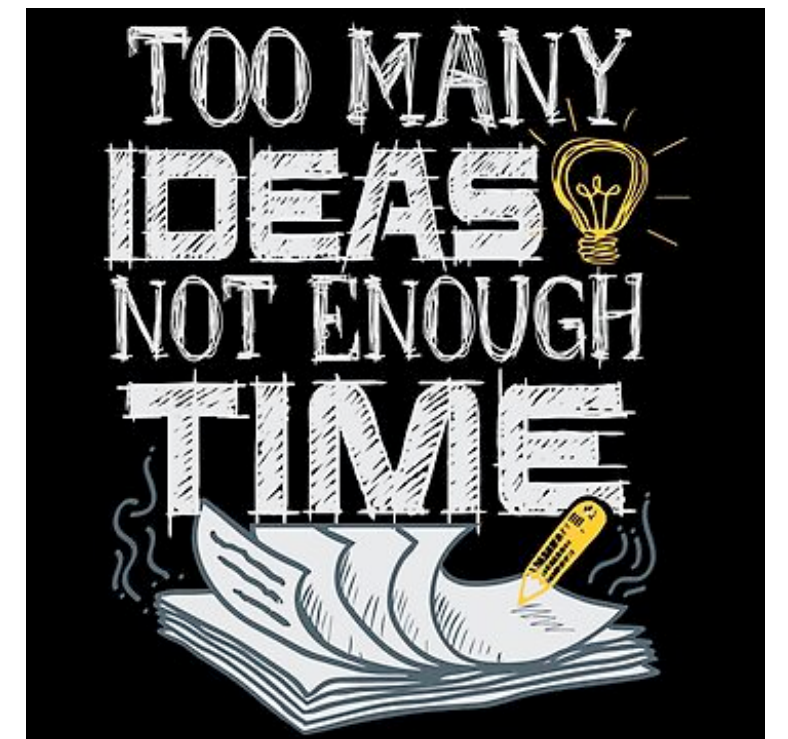
PROJECT DEMO

CHANGES FROM OUR INITIAL VISION

Post – Ability to add images to a post got scrapped. Posts now focus on offering a service rather than a product.

Account – User privacy settings got scrapped. Instead of having the user chose what account information can be seen, users are restricted to only be able to see a users first name and last name.
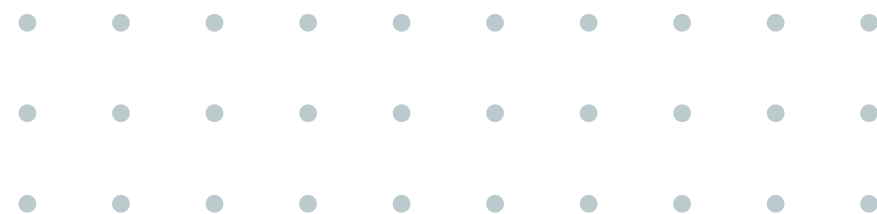
WHAT WENT RIGHT

Variety of Skills – We all have our strengths and weaknesses, but as a group we were able to cover all necessary skills for MERN stack development.

Initial Vision – We stuck true to our original vision for Worksy with the original proposed core features. We had a plan and succeeded in following through until the end.
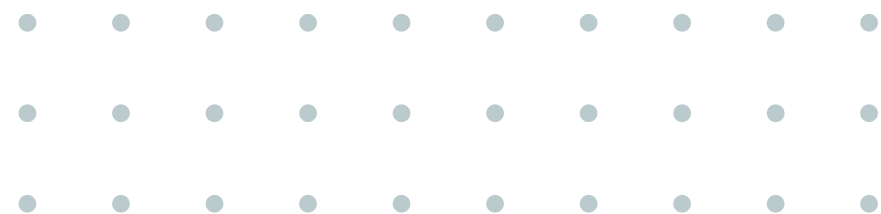
WHAT WOULD WE DO DIFFERENTLY

Weekly Code Reviews

Challenges in Collaboration: different schedule in team

Benefit of Code Reviews:

- Knowledge sharing and learning opportunity.
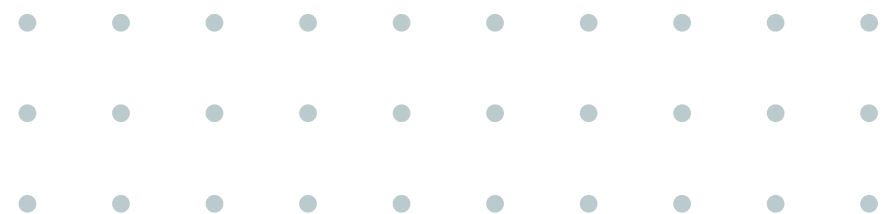- The writer of the code explains their thought process, making it easier for everyone to understand.

Early Sonarcloud Integration

Challenges: code smell and duplications

Benefit of Sonarcloud

- Not just for security issues but also for cleaner code.

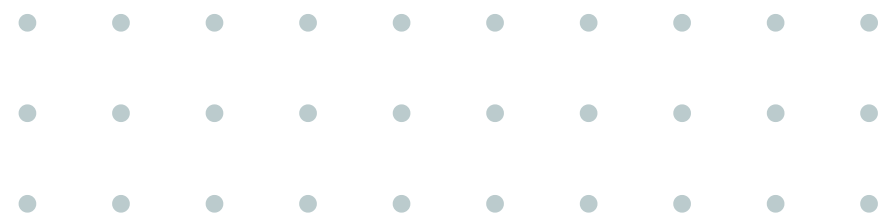- Highlights code smells and duplications.

What took the most time?

Using the backend APIs in the frontend because

- It often resulted in time-consuming debugging
- Unexpected undefined value.
- Lack of typing in JavaScript

What took the least time?

- Creating a design for the frontend.
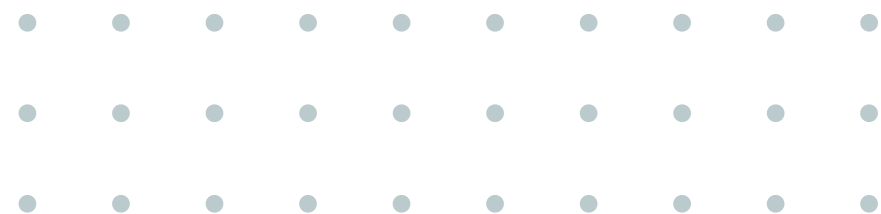- Creating documentation on our project.

What we learned about large project development

- We learned how difficult is to produce accurate estimates of how long a task will take.

- We also learned the importance of breaking the project down into small manageable tasks.

- Lastly, we learned the importance of creating tests as you go.

How we will apply what we learned to our next project?

- Firstly, we will keep track of time estimates on each issue and we will determine these estimates by using the planning poker technique.

- We will set up 10-minute daily standups.

- Additionally, we will setup clear standards surrounding commenting, documenting, testing and formatting code. To help minimize technical debt.

THANK YOU

Have any question?