

# Final Report

## Group 2 - HeyScribe

A 2-3 page report summarizing the journey you went through to complete the project. One report per team is all you need. Reflect on the followings:

For our group capstone project, we created a website called HeyScribe: a website that connects freelance transcriptionists to one-time transcribing jobs. Our client is a freelance transcriptionist that saw a gap in the marketplace for a single platform where freelancers can find a wide range of jobs. Using both agile and waterfall methodologies to complete this project over the course of a semester, the team learned how to work in sprints and build a website in numerous phases. The completed website allows for two types of users: transcriptionists and clients. Transcriptionists are able to search for jobs that the clients post to the website using our search and filter feature. This project tested the project management and coding skills that our group has learned throughout our time enrolled in the Information Systems program, and we are excited to share the final result.

### A. What worked well, and why?

We believe that our group was particularly great at following an agile approach to our project. The complexity of our project required that we worked hands on and lent each other help on numerous tasks at a time. Using an agile methodology, no one person was expected to complete a task alone. When coding our website, we would assign each team member a portion to code, but when they came across any difficulties, we'd all fall in to assist them. Ultimately, this led to us coding a more efficient, well-designed website and creating a collaborative team environment.

### B. What didn't work well, and why not?

A group project of this magnitude required meeting often every week and constantly staying in communication with each other. As college students, each of us are balancing different responsibilities from one another. We found our schedules clashing more often than not, as many of us had part-time jobs, student organizations, and other commitments to attend to. While we ultimately completed the end result of a functioning website, conducting sprints and completing milestones in a timely manner was difficult.

### C. If you were to do the same project again, what would you do differently?

Given the chance to do this project again, we would start working as early as possible. When the semester began, it felt like we had all the time in the world so we spent a majority of the time preparing and planning before implementation. This approach gave us a solid plan to guide our work, but left us feeling rushed as deadlines came closer. We could have sacrificed some of our planning time in favor of starting to work on the implementation sooner. We would also dedicate extra time before starting to make sure we all understand the tools we intended to use, such as Trello and Git. Testing out these tools in class was helpful, but we still had some

confusion along the way about how to use them properly for our purposes. A bit of extra preparation beforehand would likely have helped us avoid some of these issues.

**D. What are your takeaways after completing the project?**

The biggest take away from completing this project was how effective the agile methodology was for this process. This fluid and flexible approach allowed us all to figure out each others' strengths and weaknesses along the way and utilize our skills to best complete each milestone on time. Additionally, we learned that the waterfall method works if a team understands its objectives early on in the project like we did. We knew at the beginning what the function of our project was to be, and that made it easier to ask the right questions at each step of the waterfall process. More particularly, the method helped to organize our thought processes and allowed us to effectively build upon our project after each sprint and milestone.

**E. Describe a scenario that you thought would be hard to go through, but it turned out to be easier than originally thought. Describe another for the other way around.**

Initially, we thought implementing the user authentication would be complicated or difficult because of the two different account types we were using. However, this ended up being pretty straightforward and barely needed any debugging. Oppositely, one of the more difficult parts of the project was creating the filtering function. This is because no team member had any prior experience making one. The internet didn't provide much additional help either, so we had to use our creativity for this. We had initially planned to combine the search and filter functionality into one function that allows users to simultaneously filter by those criteria that match their job title search results; but given the time constraints, we collectively decided to forgo that idea with the blessing of our client.

**F. Have you showed your project to people outside your class? What was the Impression?**

We're extremely proud of the website our team has built and the features we created. If we had more time and resources, we would have liked to implement a payment system. Unfortunately, that was outside the scope of this project. We have shown our completed project to friends and family outside of our class, and Lennon's sister told them that it looks like a real website (we agree). Ultimately, this capstone project was a learning experience for all of us. We learned how to work in a team using different project methodologies, and at the same time improved our time management skills. We're thankful for all that the Information Systems program has taught us over the years, and will continue to utilize these skills in our future careers.