Terminal Reservation – Delta, Greyhound, Amtrak
Spring 2019
SSJKV
Group 2
Kamal Rimal, Sarah Swilley, Saleh Alhassan, Juan Martinez, Viktoriya Rasuli
2/5/2019

Brief Resumes

Kamal Rimal
krimal1@student.gsu.edu

Computer Science Education: Bachelor degree in computer science

Computer Skills:
Programming Language: Programing Language: Java, Assembly, C, Python
Databases: MySQL
IDE: Eclipse, NetBeans, jGrasp
Subversion: GitHub
Environments: Linux, Windows

Course Work Projects:

- The project on good and bad customer review sorting was completed using C.
- Complete a project to maintain a list of records contain different information of costumer.

Saleh Alhassan
salhassan1@student.gsu.edu

Computer Science Education: Bachelor degree in computer science.

Computer Skills:
Programming Languages: Java, Assembly, C, C++, Python, Bash, Javascript
Databases: MySQL, MongoDB, SQLite
IDE: Eclipse, NetBeans, PyCharm, Atom, Notepad++, Spyder, Android Studio, etc
Subversion: GitHub
Environments: Linux, Windows

Course Work Projects:

- Amazon/Craigslist-like website for a web programming class
- Classification algorithm created for machine learning class project
- Service request mobile app for mobile app class

Viktoriya Rasuli
Vrasuli1@student.gsu.edu

Computer Science Education: Bachelor degree in computer science

Computer Skills:
Programming Languages: Java, JavaSript, Assembly, C, Python, Python Panda, HTML, CSS
Databases: MySQL, SQLite
IDE: Eclipse, NetBeans, PyCharm, Atom, Notepad++, Microsoft Visual Studio, jGrasp
Subversion: GitHub
Environments: Linux (Ubuntu, Kali Linux, Debian), Windows
Additional skills: Photoshop

Course Work Projects:

- Websites similar to IMDb/Amazon/iCollege/Craigslist/Blog for classes CSC 1302, Data Structure, HCI, and for the department of foreign languages in Clarkston campus.
- The project on reviewing reviews of costumes from Amazon and separate between good and bad using C language for System Level Class.
- The project of deep learning Raspberry Pi for class Computer Org.
- The project of finding fraud on accounts using a database and languages python with python panda for the corporation Featurespace.

Juan Martinez
Jmartinez41@student.gsu.edu

Computer Science Education: Bachelor degree in computer science

Computer Skills:
Programming Language: Programing Language: Java, Assembly, C, JavaScript, HTML, CSS.
IDE: Eclipse, XCode, jGrasp, Virtual Studio
Subversion: GitHub
Environments: Linux, Windows, macOS

Course Work Projects:

- A java project that simulated a movie theater website.
- A project that organized records of a doctors office.

Sarah Swilley
sswilley1@student.gsu.edu

Computer Science Education: Bachelor degree in computer science

Computer Skills:
Programming Languages: Java, Assembly, C, Python
IDE: Eclipse, Android Studio, PyCharm, Atom, Microsoft Visual Studio
Environments: Linux, Windows
Subversion: GitHub

Course Work Projects:

- Data structures project that pulls winning lottery numbers from a lottery database and randomizes them.

Work Breakdown Structure

Assignee Name	Email	Task	Duration (hours)	Dependency	Due date	Note
Saleh Alhassan	salhassan1@student.gsu.edu	Creates the GitHub repository. Writes Brief Resumes. Summarizes the Teamwork Basics.	6 hours	None	2/04/2019	Sends invitations to the other team members. Working with Kamal and Juan on Teamwork Basic part. Should be ready within 24 hours before a deadline.
Juan Martinez	Jmartinez41@student.gsu.edu	Writes Brief Resumes. Summarizes the Teamwork Basics.	5 hours	None	2/04/2019	Should be ready within 24 hours before submissions deadline. Working with Kamal and Saleh on Teamwork Basic part
Sarah Swilley	sswilley1@student.gsu.edu	Answering on the questions from the section four Problem Statement. Writes Brief Resumes.	6 hours	None	2/04/2019	Should be ready within 24 hours before submissions deadline. Working with Juan to complete the task.
Kamal Rimal (coordinator)	krimal1@student.gsu.edu	Writes Brief Resumes. Also working on System Requirements part. Summarizes the Teamwork Basics.	6 hours	None	2/04/2019	Working with Viktoriya to create a high level the system's architecture. Should be ready within 24 hours before a deadline. Working with Salah and Juan on Teamwork Basic part. Should be ready within 24 hours before a deadline.
Viktoriya Rasuli	Vrasuli1@student.gsu.edu	Writes Brief Resumes. Creates a new	7 hours	GitHub should be created first.	2/05/2019	Working with Kamal to create a high level the system's architecture.

		project on the GitHub as described in the assignment. Also working on System Requirements part. Putting the report together.		Brief Resume, System Requirements and Teamworking Basics should be done first.		Should be ready within 24 hours before a deadline. The whole report should be ready within 5 hours before the deadline.

Teamwork Basics

Setting basic ground rules to work as a group can make the project run smooth and with minor issues. With a good set of norms established the group can count on operating very smoothly. It is also imperative to know how to work through issues and problems as well.

Some of these norms include having a good communication system and establishing a facilitator. There are many ways of keeping constant communication as a group such as group-texting, shared google files and meetings. It is also essential to have someone that is there to make sure everyone is doing their part and moving the project along. This facilitator can be one person through the entire project, and it can also rotate from person to person. In my last project, we always had one person that would keep everyone focus on short-term and long-term tasks.

It is important to consider everyone's schedule and workload to schedule meetings, work assignments, and group jobs. Sometimes people have other things going on in their lives that everyone should be considerate. In my previous project, we distributed the workload pretty evenly and had good open communication to accommodate people's enigmas. We discussed and voted on important decisions that impacted a big part of the project. We made sure that work was done in a timely matter so it could be reviewed and changed if needed. Sometimes lining up schedules for a meeting was very complicated, so it was essential to accommodate if people wanted to eat or drink.

The first step to handling difficult behavior would be to have a serious group meeting to address said behavior and talk about what we should do as a consequence, what we should do moving forward, and what can be done to prevent such actions in the future. If the problem was not resolved, we would approach the professor for a resolution. For example, I have been in groups where at least one person is not as active in working compared to the other group members. In one of those instances, the main form for a resolution was to directly assign what each team member would do as not to cause any confusion.

Problem Statement

We are creating a website that extracts information from three different companies representing three different modes of transportation: Amtrak, Greyhound and Delta, and compares prices for specific dates and locations.

The purpose of our project is to create a website that compares prices for similar itineraries from Amtrak, Greyhound, and Delta. This will be the first website of its kind that compares itineraries and costs across different modes of transportation. The user will enter a departure date, a preferred departure time, a starting location, and a destination. The website will create a list of options based on the set criteria by extracting data from three different websites simultaneously. This will allow the user to find the lowest price without having to navigate to different websites or apps and search each of them individually.

The website will be geared towards those with a budget mindset. Typically, travelers with a more flexible schedule that can take more or less time to travel based on what they perceive as a better deal. It is also geared towards those traveling lesser distances. While the travel time for a train or bus may be longer than the travel time for a plane, when you consider the hassle and length of wait times in airports, train and bus travel become much more appealing options. Although there are currently several websites that compare flight itineraries among different carriers, there are currently no websites that compare different modes of travel. We would create more options for those looking to travel on a frugal budget with a minimal amount of travel stress while eliminating the need to look at several websites simultaneously.

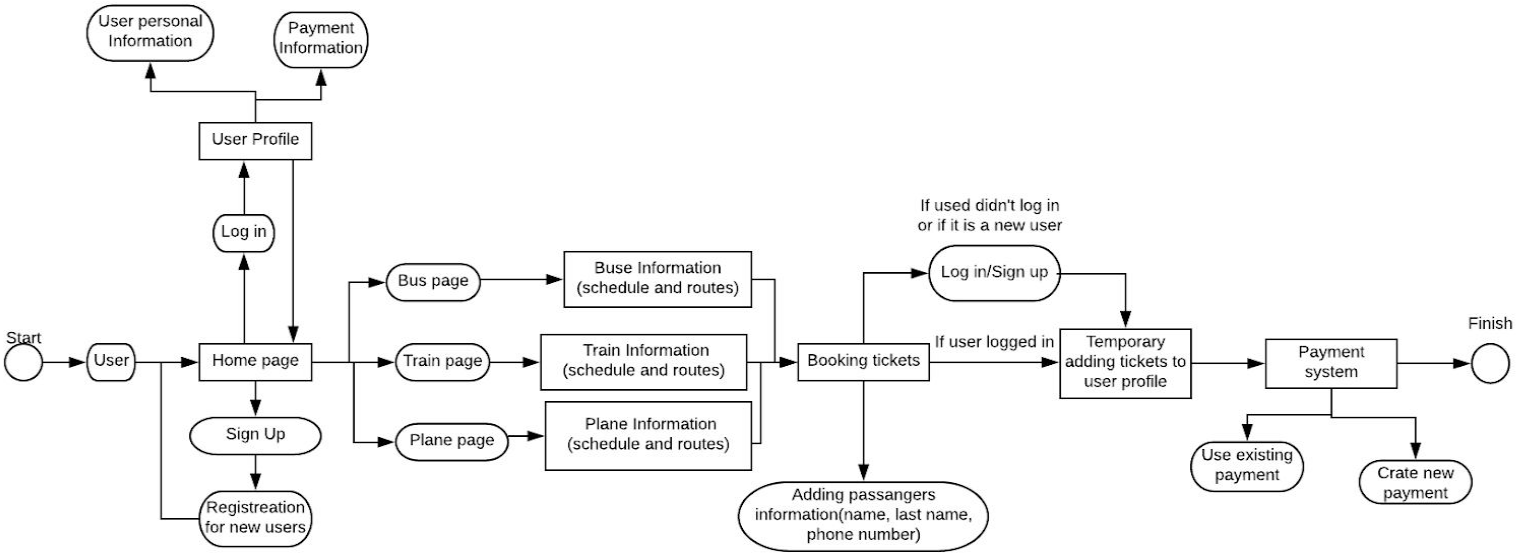
Only one website currently accesses the databases of three modes of travel, Google Maps. Google Maps currently has a function to compare the travel times for driving vs. walking vs. public transportation. It is limited in its usefulness, as it does not go into the depth of detail required to make an educated decision regarding which mode is most beneficial to the individual traveler. It also is limited in scope, as it does not provide enough information to make a decision about a trip outside of a metro area. This website will be the first to compare three modes of travel: bus, train and airline, and present that information to the user in a detailed yet concise format that shows both prices and itineraries.

As more and more information is available on the internet, consumers are seeking out new ways to get all of their answers in one place. Our website will give the user the ability to comparison shop and make the decision that most benefits their needs without taking hours of their time to obtain information from several sources. We will create a website that pulls information from the databases of three major modes of transportation by three leading companies and present that information to the user in a clear, user-friendly front end.

From a technical standpoint, the possibilities with this website are almost endless. There are options to expand to competing carriers within two of the three modes (bus and airline). The fourth mode of car rental could be added down the line to create a one-stop shop for four modes of transportation.

The hassle of air travel today has led to more consumers who are looking for better alternatives. This website will assist the train and bus industries in obtaining a new consumer base and becoming more competitive with air travel in the future. We are seeking answers to questions the consumer market is asking and presenting these answers in a way that make travel *a little* more enjoyable.

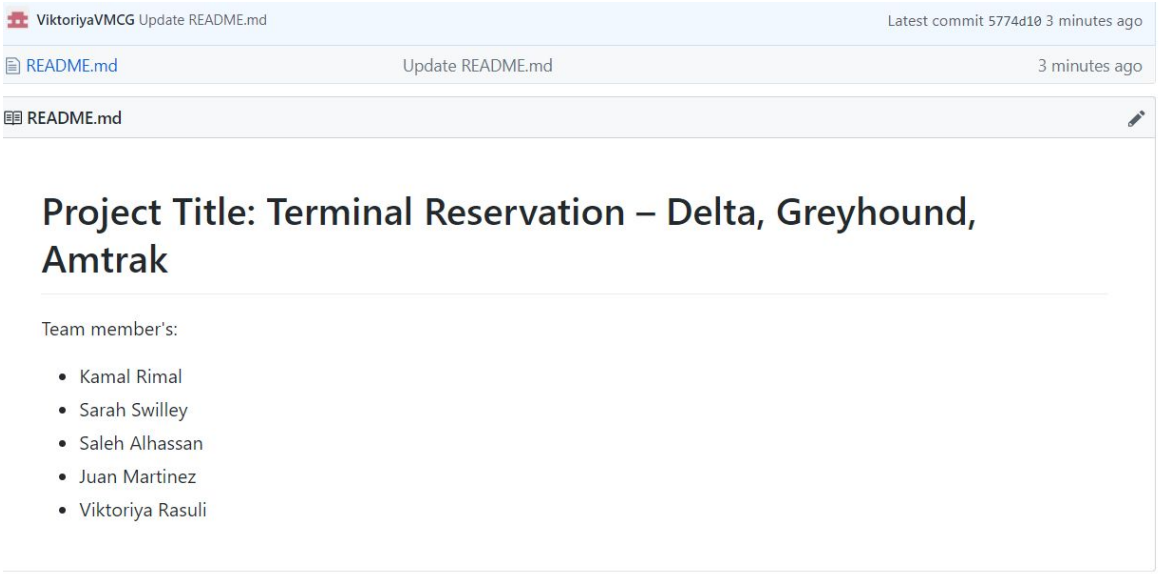
System Requirements



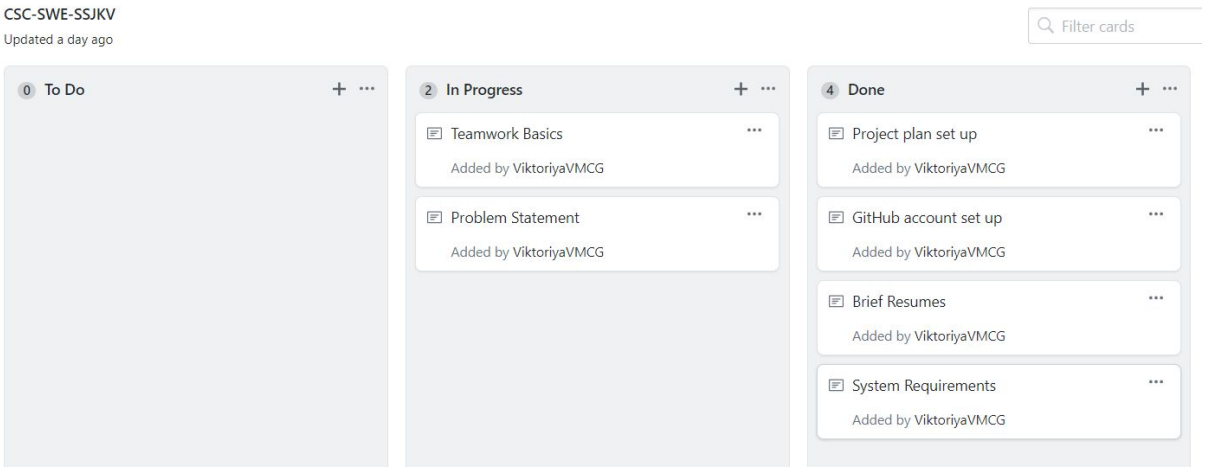
Appendix

GitHub

https://github.com/5aleh/book-on-time



https://github.com/5aleh/book-on-time/projects/1


CSC-SWE-SSJKV
Updated a day ago
Filter cards
0 To Do
2 In Progress
Teamwork Basics
Added by ViktoriyaVMCG
Problem Statement
Added by ViktoriyaVMCG
4 Done
Project plan set up
Added by ViktoriyaVMCG
GitHub account set up
Added by ViktoriyaVMCG
Brief Resumes
Added by ViktoriyaVMCG
System Requirements
Added by ViktoriyaVMCG