

**PREPARED FOR**

Dr. Wesley Schultz

Keep America Beautiful

PREPARED BY SAIRA

Ray Thomas Cruz

Angelica Olmedo

Stephen Palumbo

Isaiah Martin

Andre Castillo

To: Dr. Wesley Schultz, Advisor to Keep America Beautiful

CC: Dr. Shaun-inn Wu, Director of Projects

First, I would like to thank Dr. Schultz for the opportunity to be working on such a fascinating project. We here at Team SAIRA are aware of the positive impact that the ability of quantifying the amount of litter would have for environmentalists and various fields of study. As such, we look forward to making further progress with you on this project, and we are truly grateful to be able to contribute to such an upstanding cause.

In the first phase of this project, our team performed an extensive look over the materials provided by you. While we strive to create a more functional and complete project, it is appropriate to remember that the previous groups have also made various contributions to this project. Therefore, we examined the functionality and the relevance of the code and documentation of the groups that came before us to see if it may still be of use. In the next phase of the project, we will work on clarifying the inputs and outputs with the machine learning team.

With regards to the cost of this project. Currently our team is operating at a rate of \$25.00 per hour. At this point, our team has recorded 84 hours for this current phase, and have thus accrued a total cost of \$2,600.00. As we move along the project we expect the numbers to increase due to the hours required for development and for the costs of running a server, so as of now we're expecting a final cost of \$16,375.

Best Regards,

Ray Thomas Cruz

A copy of this report will be submitted to both Dr. Schultz and Dr. Wu

By signing below, you hereby approve Team SAIRA to continue working on the following project: Keep America Beautiful: Litter Detective and agree to the aforementioned estimated costs.

Dr. Wesley Schultz, Advisor to Keep America Beautiful

SAIRA Code of Conduct

Mission: At SAIRA, we strive to create a courteous and synergistic work environment, while taking reasonable care to ensure that our project deadlines and goals are met.

Decisions:

- Should a decision need to be made, that affects the group and/or the project, each team member shall have their opinions heard.
- While discourse is expected and encouraged for important decisions, arguments are not to be tolerated in the group. Furthermore, regardless of the decision made, it is expected for every member to support the final decisions.

Work Ethic/Teamwork:

- As this is a group project, every member is expected to work on their assigned tasks to complete the project. Free riding is not to be tolerated.
- While each member may be assigned various tasks. We encourage members to work together to complete tasks when applicable.

Meetings:

- All members of the team are expected to set aside time for the mandatory group meetings at the agreed upon times.
- Should a member of the team fail to make an appearance at the meeting, it is their responsibility to follow through in understanding the materials and decisions discussed during the meeting
- During the meeting, all members are to be engaged and are expected to behave in a professional and respectful manner.

1. Application Development

1.1 Statement of Business Context

Keep America Beautiful is a nonprofit organization with the mission to improve and clean the environment so we can have a beautiful and green country. One major goal to achieve this mission is to end littering. Littering is a major environmental issue that destroys the environment by polluting areas. There have been many ways that Keep America Beautiful have expressed their efforts to help end littering. They've done this through events and programs like Great American Cleanup and America Recycles Day.

1.2 Statement of Customer's Business Problems

- Keep America Beautiful needs a web based application with a user interface that detects litter in an area.
- Must be able to select geo-coordinates based on user-defined regions.
- Make litter scores accessible within the user-interface from the Machine Learning algorithm.
- Make images and data accessible to the Machine Learning Algorithm

1.3 Statement of Project Proposal

- Create a fully functional user interface that gives the user the ability to select geo-coordinates for a defined region.
- The ability to pull images and data from Google Streets.
- Record data of location and date of images pulled.
- Store images and data somewhere that is made accessible to the ML team.

1.4 Measures of Success

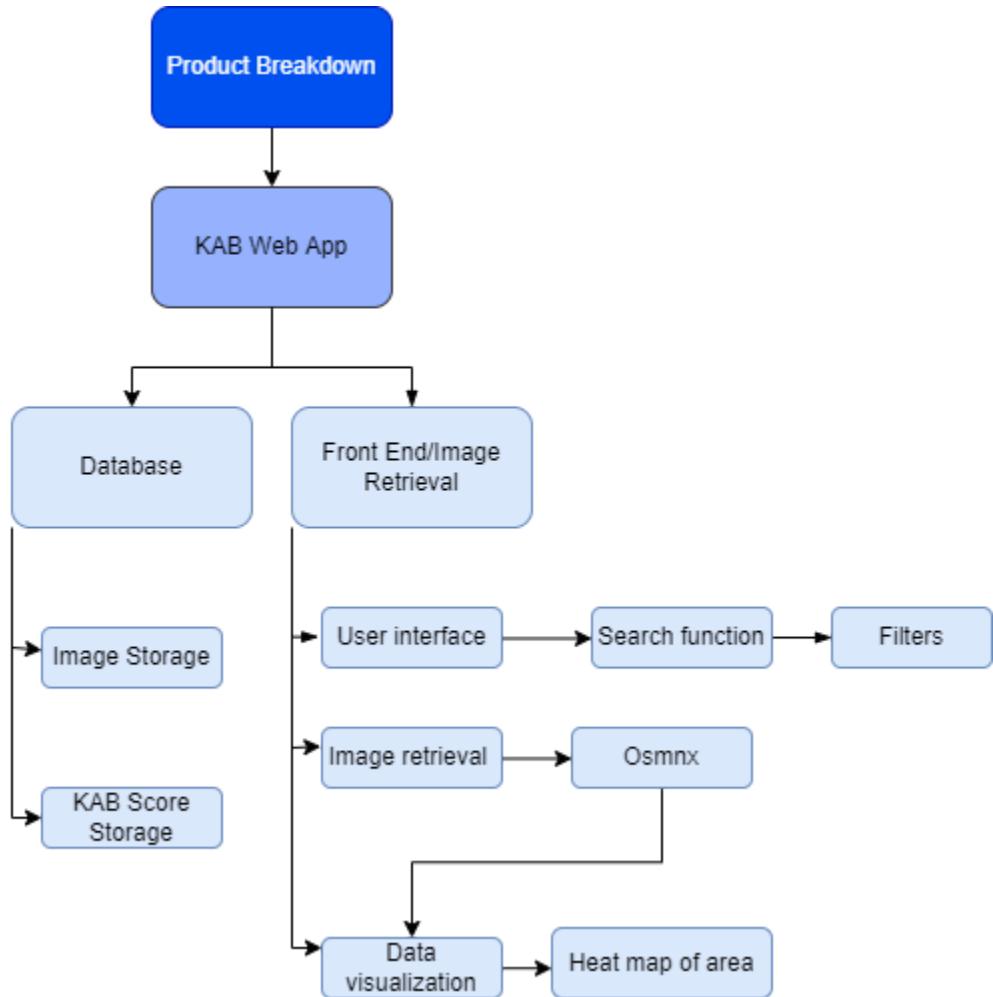
- JAD 1 - Define the requirements of the project.
- JAD 2 - Make any final adjustments or changes to the requirements.
- Prototype 1 - UI development, gives the user the ability to search for a geo-region.
- Prototype 2 - Database management. Store images and data.
- Final Phase - Make all images and data accessible to the ML for them to score litter.

2. Requirements Matrix

Req. #	Requirement	Description	Implemented [Y/N]	Task
1	Image pulling	-Implement OSMnx to draw streets of selected Cities	N	3.1.3
2	Image Storage	-Decide where to store images pulled with OSmnx -Store image and date pulled -Integrate with ML team	N	3.1., 4.2
3	User Interface	-Design User Interface -Display results from user Query -Retrieve Information from ML algorithm	N	3.2.1,3.2.2
4	Visual Representation	-Display Heatmap -Display KAB Score (Date, Amount of litter, 20 specific objects)	N	3.1.2,3.2.3

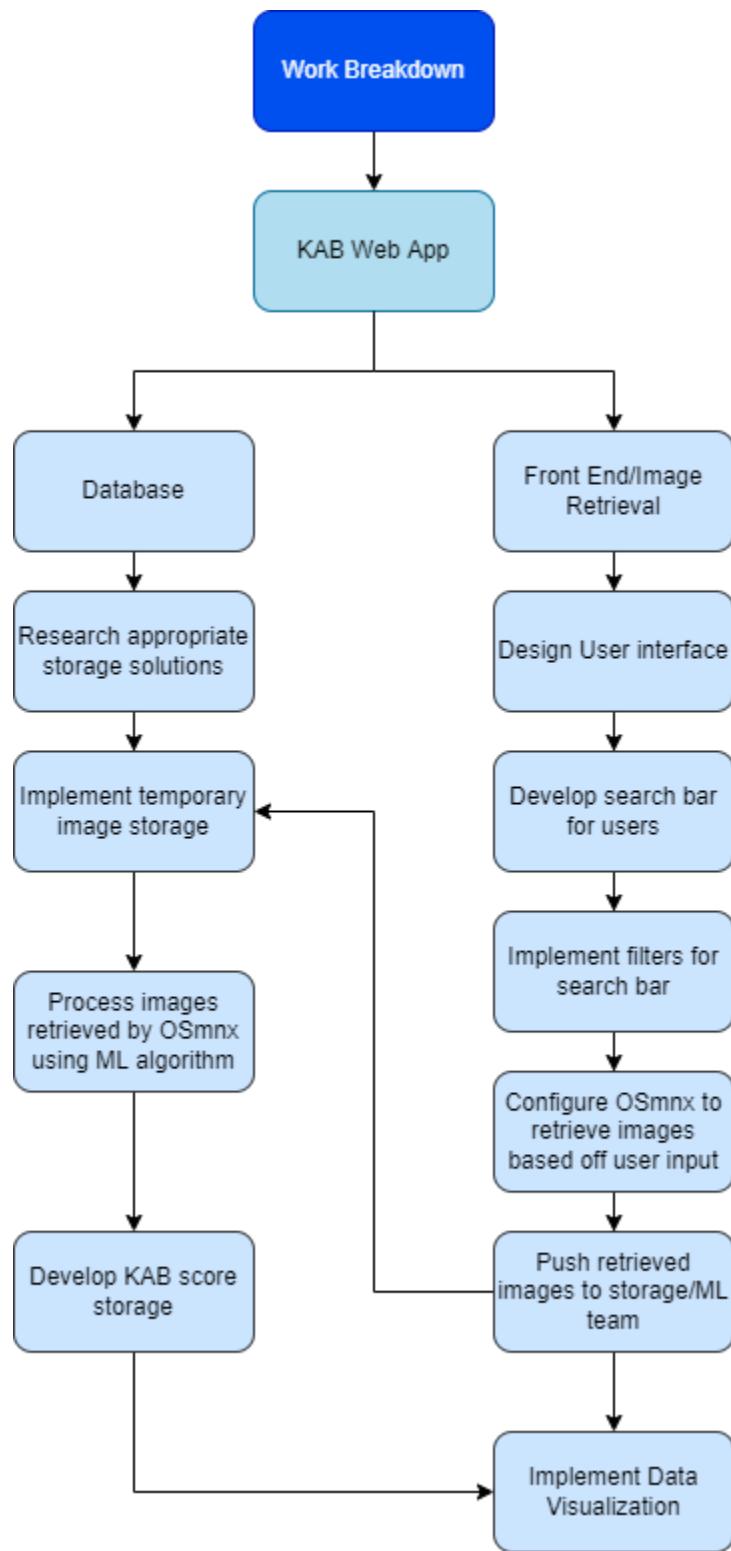
3. Project Management

Product Breakdown Structure





Work Breakdown Structure



List of Tasks

ID	Task Name	Duration	Start	Finish	Resource Names	% Complete
	<u>1.0 Team Saira - Phase 1</u>	<u>15 days</u>				<u>95.63%</u>
1.1.0	<u>Project Proposal</u>	<u>7 days</u>	<u>1/26/2022</u>	<u>2/1/2022</u>	All	<u>100.00%</u>
1.1.1	<u>Team Formation</u>	<u>2 days</u>	<u>1/27/2022</u>	<u>1/29/2022</u>	All	<u>100.00%</u>
1.1.2	<u>Team Roles & Meeting</u>	<u>2 days</u>	<u>1/30/2022</u>	<u>1/30/2022</u>	All	<u>100.00%</u>
1.1.3	<u>Report 0</u>	<u>1 day</u>	<u>1/31/2022</u>	<u>2/1/2022</u>	All	<u>100.00%</u>
1.1.4	<u>Interview with Customer</u>	<u>1 day</u>	<u>2/1/2022</u>	<u>2/1/2022</u>	All	<u>100.00%</u>
1.2.0	<u>Project Research</u>	<u>6 days</u>	<u>2/2/2022</u>	<u>2/7/2022</u>		<u>100.00%</u>
1.2.1	<u>Previous Group Research</u>	<u>2 days</u>	<u>2/2/2022</u>	<u>2/3/2022</u>	All	<u>100.00%</u>
1.2.2	<u>Requirements Overview</u>	<u>2 days</u>	<u>2/3/2022</u>	<u>2/4/2022</u>	All	<u>100.00%</u>
1.2.3	<u>Prepare for JAD 1</u>	<u>2 days</u>	<u>2/5/2022</u>	<u>2/7/2022</u>	All	<u>100.00%</u>
1.2.4	<u>Team Meeting</u>	<u>1 day</u>	<u>2/7/2022</u>	<u>2/7/2022</u>	All	<u>100.00%</u>
1.3.0	<u>JAD 1</u>	<u>2 days</u>	<u>2/8/2022</u>	<u>2/9/2022</u>		<u>100.00%</u>
1.3.1	<u>JAD 1 Meeting</u>	<u>1 day</u>	<u>2/8/2022</u>	<u>2/8/2022</u>	All	<u>100.00%</u>
1.3.2	<u>Team Meeting Discussing JAD1</u>	<u>1 day</u>	<u>2/9/2022</u>	<u>2/9/2022</u>	All	<u>100.00%</u>
1.4.0	<u>Report 1</u>	<u>12 days</u>	<u>2/10/2022</u>	<u>2/10/2022</u>		<u>82.50%</u>
1.4.1	<u>Set-up Report & Tasks</u>	<u>1 day</u>	<u>2/10/2022</u>	<u>2/22/2022</u>	All	<u>100.00%</u>
1.4.2	<u>Report 1 Draft</u>	<u>5 days</u>	<u>2/10/2022</u>	<u>2/15/2022</u>	All	<u>100.00%</u>
1.4.3	<u>Sprint Meeting with Customer</u>	<u>1 day</u>	<u>2/13/2022</u>	<u>2/13/2022</u>	All	<u>100.00%</u>
1.4.4	<u>Report 1 Final</u>	<u>5 days</u>	<u>2/15/2022</u>	<u>2/22/2022</u>	All	<u>30.00%</u>
2	<u>Team Saira - Phase 2</u>					<u>0.00%</u>
2.1.0	<u>JAD 2</u>					<u>0.00%</u>
2.1.1	<u>Prepare For JAD 2</u>					
2.1.2	<u>JAD 2 Meeting</u>					
2.1.3	<u>Team Meeting</u>					
2.1.4	<u>Finalize Requirements</u>					
2.2.0	<u>Report 2</u>					<u>0.00%</u>

<u>2.2.1</u>	<u>Set-up Report & Tasks</u>					
<u>2.2.2</u>	<u>Report 2 Draft</u>					
<u>2.2.3</u>	<u>Report 2 Final</u>					
<u>2.3.0</u>	<u>Image Development</u>					<u>20%</u>
<u>2.3.1</u>	<u>Study Previous Group Code</u>					<u>75%</u>
<u>2.3.2</u>	<u>Test Image Pulling</u>					
<u>2.3.3</u>	<u>Test JSON for Sending Images</u>					
<u>2.3.4</u>	<u>Give ML Team Images to Test</u>					
<u>3.0</u>	<u>Team Saira - Phase 3</u>					<u>0.00%</u>
<u>3.1.0</u>	<u>Cloud Development</u>					<u>0.00%</u>
<u>3.1.1</u>	<u>Image Storage Solution</u>					
<u>3.1.2</u>	<u>Score Storage</u>					
<u>3.1.3</u>	<u>OSMnx</u>					
<u>3.2.0</u>	<u>UI Development</u>					<u>0.00%</u>
<u>3.2.1</u>	<u>Search Bar</u>					
<u>3.2.2</u>	<u>Filters</u>					
<u>3.2.3</u>	<u>Heatmap</u>					
<u>3.3.0</u>	<u>Prototype 1</u>					<u>0.00%</u>
<u>3.3.1</u>	<u>Prepare For Prototype 1</u>					
<u>3.3.2</u>	<u>Prototype 1</u>					
<u>3.3.3</u>	<u>Team Meeting</u>					
<u>3.4.0</u>	<u>Report 3</u>					<u>0.00%</u>
<u>3.4.1</u>	<u>Set-up Report & Tasks</u>					
<u>3.4.2</u>	<u>Report 3 Draft</u>					
<u>3.4.3</u>	<u>Report 3 Final</u>					
<u>4.0</u>	<u>Team Saira - Phase 4</u>					<u>#REF!</u>
<u>4.1.0</u>	<u>Report 4</u>					<u>0.00%</u>
<u>4.1.1</u>	<u>Team Meeting</u>					
<u>4.1.2</u>	<u>Set-up Report & Tasks</u>					

<u>4.1.3</u>	<u>Report 4 Draft</u>					
<u>4.1.4</u>	<u>Report 4 Final</u>					
<u>4.2.0</u>	<u>Database Development</u>					<u>0.00%</u>
<u>4.2.1</u>	<u>Store Image & Data</u>					
<u>4.2.2</u>	<u>Make Accessible to ML Team</u>					
<u>4.2.3</u>	<u>Run Database Tests</u>					
<u>4.3.0</u>	<u>Prototype 2</u>					<u>0.00%</u>
<u>4.3.1</u>	<u>Prepare For Prototype 2</u>					
<u>4.3.2</u>	<u>Prototype 2</u>					
<u>4.3.3</u>	<u>Team Meeting</u>					
<u>5.0</u>	<u>Team Saira - Phase 5</u>					<u>0.00%</u>
<u>5.1.0</u>	<u>Final</u>					
<u>5.1.1</u>	<u>Final Report</u>					
<u>5.2.0</u>	<u>Final Presentation</u>					<u>0.00%</u>
<u>5.2.1</u>	<u>Prepare For Presentation</u>					
<u>5.2.2</u>	<u>Prepare Visuals & Demos</u>					
<u>5.2.3</u>	<u>Rehearse Presentation</u>					
<u>5.2.4</u>	<u>Present Final Presentation</u>					

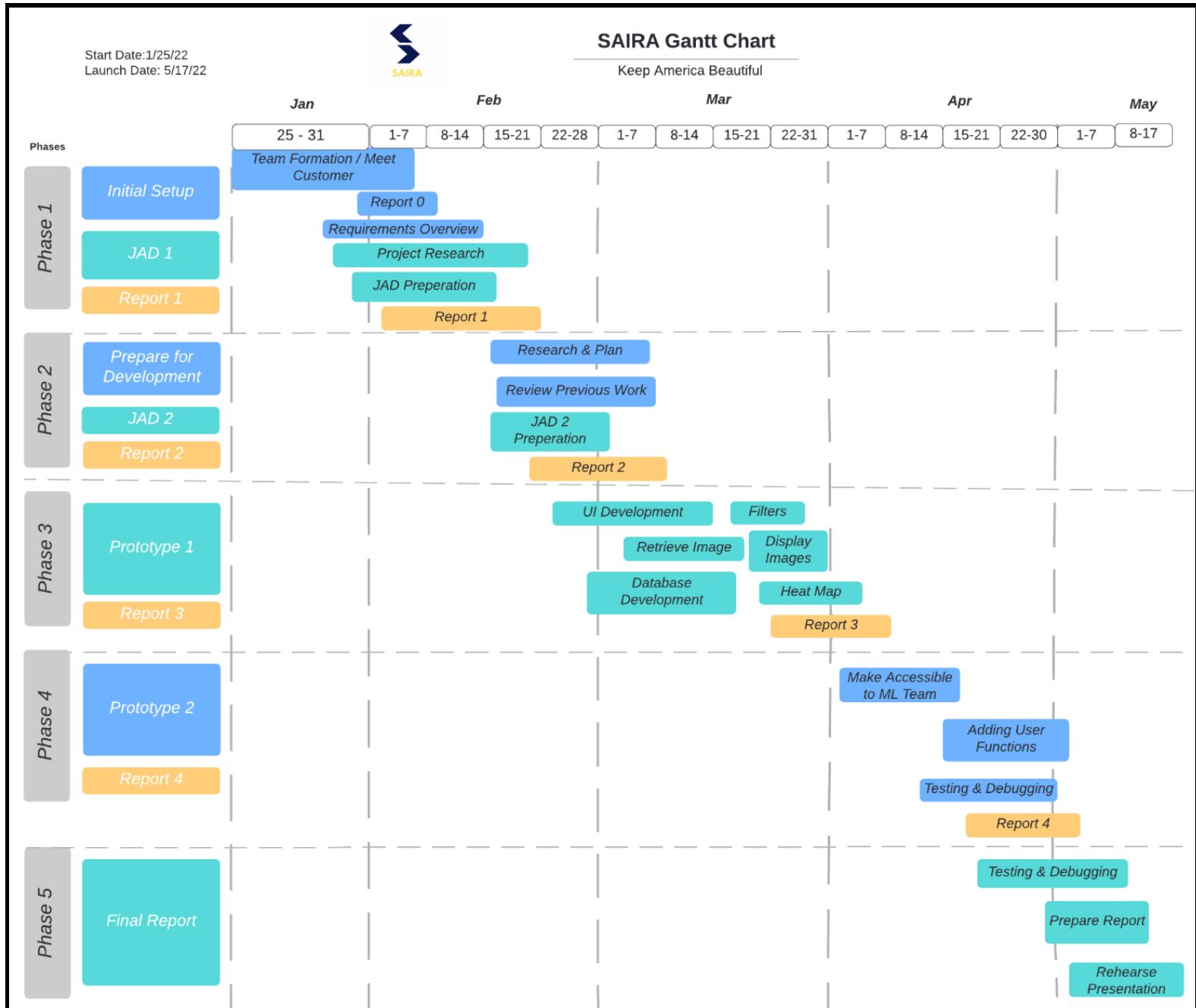


Cost Tracking Chart

Project Milestone Cost Estimates Actual Cost For Each Milestone

Project Name		SAIRA			Start Date	2/1/22	
Client Name		Dr. Wesley Schultz			End Date	5/17/22	
Project Manager		Angelica Olmedo					
Projected Costs							
Project Phase	Hours Per member	Team's Total hours	Avg. Cost	Others Cost	Total Cost	Team's Actual Hrs	Total Accumulated Costs as of 2/22
1	Phase 1	15	5 members	\$25	\$0	\$1,875	1/25-2/22
1.1	Initial Setup	1	5	\$25	\$0	\$125	\$125
1.2	Meetings	7	35	\$25	\$0	\$875	\$1,250
1.3	Report 0	1	5	\$25	\$0	\$125	\$125
1.4	JAD 1	2	10	\$25	\$0	\$250	\$250
1.5	Report 1	4	20	\$25	\$0	\$500	\$850
2	Phase 2	13	5 members	\$25	\$0	\$1,625	2/17-3/8
2.1	Meetings	7	35	\$25	\$0	\$875	
2.2	JAD 2	3	15	\$25	\$0	\$375	
2.3	Report 2	3	15	\$25	\$0	\$375	
3	Phase 3	50	5 members	\$25	\$0	\$6,250	3/8-4/7
3.1	Meetings	10	50	\$25	\$0	\$1,250	
3.2	Prototype 1	35	175	\$25	\$0	\$4,375	
3.3	Report 3	5	25	\$25	\$0	\$625	
4	Phase 4	39	5 members	\$25	\$0	\$4,875	4/7-4/28
4.1	Meetings	9	45	\$25	\$0	\$1,125	
4.2	Report 4	5	25	\$25	\$0	\$625	
4.3	Prototype 2	25	125	\$25	\$0	\$3,125	
5	Phase 5	14	5 members	\$25	\$0	\$1,750	4/28-5/17
5.1	Meetings	7	35	\$25	\$0	\$875	
5.2	Final Report	7	35	\$25	\$0	\$875	
Total		131	655	25 per hr		\$16,375	
Estimated Hours Per Person		131					
Total Hours		655			Total Project Cost Estimate		
Team Fee's		\$16,375.00			\$16,375.00		
					Total Accumulated as of 2/22		
					\$2,600.00		

Gantt Chart



Timesheet

Timesheet for Week Ending: Week 3

Team SAIRA

2/15/2022

<u>Member Names</u>	<u>Role</u>
Andre Castillo	Application Development
Angelica Olmedo	Gantt Chart and Cost Tracking Chart
Isaiah Martin	Application Development
Stephen Palumbo	Documentation
Ray Cruz	Planning and Team Support

Timesheet for Week Ending: Week 2					
Team Name	Team SAIRA				
Member Name	Andre Castillo	Role	Application Development		
Signed:					
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/8/2022	Task 1 Project requirements	3	3	0	Yes
Totals for Projected Week in hours		3	3	0	
Totals for Week in hours		3	3	0	



Timesheet for Week Ending: _____ Week 3					
Team Name	Team SAIRA _____				
Member Name	Andre Castillo _____			Role	Application Development
Signed:	<u>Andre Castillo</u> _____				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/15/2022	Task 1 Project Proposal	4	4	0	yes
Totals for Projected Week in hours		3	3	0	
Totals for Week in hours		4	4	0	

Timesheet for Week Ending: _____ Week 4					
Team Name	Team SAIRA _____				
Member Name	Andre Castillo _____			Role	Application Development
Signed:	<u>Andre Castillo</u> _____				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/22/2022	Task 1 Project Proposal	4	4	0	yes
Totals for Projected Week in hours		3	3	0	
Totals for Week in hours		4	4	0	



Timesheet for Week Ending: _____ Week 2				
Team Name	_____ <u>Team SAIRA</u> _____			
Member Name	_____ <u>Angelica Olmedo</u> _____		Role	_____ <u>Project Manager</u> _____
Signed:	<u>Angelica</u>			
Date	Task	Planned Hours	Actual Hours	Task Completed?
2/8/2022	Task 1 Project Requirements	3	3	0 yes
Totals for Projected Week in Hours		3	3	0
Totals for Week in hours		3	3	0
Timesheet for Week Ending: _____ Week 3				
Team Name	_____ <u>Team SAIRA</u> _____			
Member Name	_____ <u>Angelica Olmedo</u> _____		Role	_____ <u>Project Manager</u> _____
Signed:	<u>Angelica</u>			
Date	Task	Planned Hours	Actual Hours	Task Completed?
2/15/2022	Task 1 Gantt Chart	3	4	1 yes
2/15/2022	Task 2 Cost Tracking Chart	3	4	1 yes
Totals for Projected Week in Hours		6	8	2
Totals for Week in hours		6	8	2



Timesheet for Week Ending: _____ Week 4					
Team Name	Team SAIRA _____				
Member Name	Andre Castillo		Role	Application Development	
Signed:					
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/22/2022	Task 1 Project Proposal	4	4	0	yes
Totals for Projected Week in hours		3	3	0	
Totals for Week in hours		4	4	0	

Timesheet for Week Ending: _____ Week 2					
Team Name	Team SAIRA _____				
Member Name	Isaiah Martin			Role	Application Development
Signed:					
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/8/2022	Task 1 Project Design Requirements	3	3	0	yes
Totals for Projected Week in Hours		4	3	1	
Totals for Week in hours		3	3	0	



Team Saira

Timesheet for Week Ending: _____ Week 3					
Team Name	_____ <u>Team SAIRA</u> _____				
Member Name	<u>Isaiah Martin</u>			Role _____ Application Development	
Signed:	<u>dm</u> _____				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/15/2022	Task 1 Project Design	4	5	1	1 yes
Totals for Projected Week in Hours		4	5	1	
Totals for Week in hours		4	5	1	

Timesheet for Week Ending: _____ Week 4					
Team Name	_____ <u>Team SAIRA</u> _____				
Member Name	<u>Isaiah Martin</u>			Role _____ Application Development	
Signed:	<u>dm</u> _____				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/22/2022	Task 1 Project Design	4	4	0	0 yes
Totals for Projected Week in Hours		4	4	0	
Totals for Week in hours		4	4	0	



Timesheet for Week Ending: _____ Week 2					
Team Name	_____ <u>Team SAIRA</u> _____				
Member Name	<u>Stephen Palumbo</u>			Role	Documentation
Signed:	<u>Stephen Palumbo</u>				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/8/2022	Task 1 Documentation Requirements	2	3	1	yes
Totals for Projected Week in Hours			2	3	1
Totals for Week in hours			2	2	1

Timesheet for Week Ending: _____ Week 3					
Team Name	_____ <u>Team SAIRA</u> _____				
Member Name	<u>Stephen Palumbo</u>			Role	Documentation
Signed:	<u>Stephen Palumbo</u>				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/15/2022	Task 1 Timesheet	3	3	0	yes
Totals for Projected Week in Hours			3	3	0
Totals for Week in hours			3	3	0



Timesheet for Week Ending: _____ Week 4					
Team Name	Team SAIRA _____				
Member Name	Stephen Palumbo _____			Role _____	Documentation
Signed:	<u>Stephen Palumbo</u>				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/22/2022	Task 1 Timesheet	3	3	0	yes
Totals for Projected Week in Hours		3	3	0	
Totals for Week in hours		3	3	0	

Timesheet for Week Ending: _____ Week 2					
Team Name	Team SAIRA _____				
Member Name	Ray Cruz _____			Role _____	Team Leader
Signed:	<u>Ray Cruz</u>				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/8/2022	Task 1 Project Planning	4	6	2	yes
Totals for Projected Week in Hours		4	5	1	
Totals for Week in hours		4	6	2	



Timesheet for Week Ending: _____ Week 3					
Team Name	Team SAIRA _____				
Member Name	Ray Cruz _____			Role _____ Team Leader	
Signed:	<u>Ray Cruz</u> _____				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/15/2022	Task 1 Project Planning	4	6	2	yes
Totals for Projected Week in Hours		4	5	1	
Totals for Week in hours		4	6	2	

Timesheet for Week Ending: _____ Week 4					
Team Name	Team SAIRA _____				
Member Name	Ray Cruz _____			Role _____ Team Leader	
Signed:	<u>Ray Cruz</u> _____				
Date	Task	Planned Hours	Actual Hours	Difference	Task Completed?
2/22/2022	Task 1 Project Planning	4	4	0	yes
Totals for Projected Week in Hours		4	4	0	
Totals for Week in hours		4	4	0	

Total for Week in hours	Planned Hours	Actual Hours	Difference
	20	24	4

Total Hours For Meetings Per Member	Meetings and JAD1
	20.8 hours

4. Team Information and Resumes



SAIRA



Ray Thomas Cruz
Scrum Leader
619-962-6365
cruz200@cougars.csusm.edu

As the Scrum/Team Leader of SAIRA, my primary role is to coordinate the channels of communication between our team and the client(s), either through emails or scheduling meetings. In order to ensure that we remain productive and consistent, I work with the team in order to properly delegate members to complete tasks while also assisting them when needed



SAIRA



Angelica Olmedo
Project Manager
310-910-2076
olmed006@cougars.csusm.edu

My role as Project Manager is to organize and oversee project tasks. I am responsible for directing the team to achieve our goals by providing detailed maps out of duties and deadlines. I currently work as an IT Floor Coordinator where I supervise a team on daily tasks. I have exceptional time management and problem solving skills.



SAIRA



Stephen Palumbo
Documentation
858-442-3770
palum005@cougars.csusm.edu

My role within SAIRA is to document all progress we have made throughout the semester as well as keep the client informed when we are making progress towards the end product.



Team Saira

SAIRA



Isaiah Martin
Programmer

619-246-1045
martil366@cougars.csusm.edu

My role within Team Saira is Programmer. This primarily involves implementation of the UI and database, but I will also be assisting in the design process of both. My background includes java,javascript, and sql, so I believe I am well suited for the role.

SAIRA



Andre Castillo
System Analyst

951-691-2880
castil42@cougars.csusm.edu

My role for the team is project design and systems development. I have experience with computer systems and I'm also good at project design. When working with projects I know how to manage it very well and identify what needs to be done and in what steps. My communication skills and critical thinking are great as well which helps me when I'm faced with problems.



Angelica B. Olmedo

San Marcos, CA 92078-3301

olmed006@cougars.csusm.edu

310-910-2076

Education

California State University San Marcos- San Marcos, California

Bachelor of Science in Computer Information Systems

Expected December 2022

GPA 3.3

Saint Monica Catholic High School – Santa Monica, California

GPA 3.2

May 2018

Experience

CSUSM Instructional and Information Technology Services

May 2019 - present

Student Assistant / Floor Coordinator

- Assist in training and supervising daily tasks
- Provide exceptional customer service when assisting with troubleshoot issues
- Assisted technical issues for Microsoft Office, Adobe, Gmail, IBM SPSS, Citrix, and more

Association of Computing Machinery (ACM)

September 2018- 2020

- Attend weekly meetings
- Participated in CSUSM Women's Hackathon
- Awarded the "Originality and Impact" at the hackathon
- Assisted a non-profit to create a better application screening system for applications

Tukwut Leadership Circle (TLC)

September 2018- 2019

- Attend weekly workshops
 - Participated in campus & civic engagement
-

Skills and Qualifications Profile

- Programming Languages: C++, Python, Javascript, HTML,
- Able to type 45 words per minute
- Exceptional interpersonal and team building skills with an aptitude for building rapport with a diverse range of customers, managers, and colleagues; talent for quickly resolving issues prior to escalation
- Successful multitasking while remaining professional and courteous in fast-paced environments
- Good organizational and time management skills



CONTACT

 619.962.6365

 raythomascruz@gmail.com

 6812 Panamint Row #6
San Diego, CA 92139

SKILLS

Multimedia Programs
(Creative Cloud Suite)

Frontend Languages
(HTML, CSS, and JavaScript)

Programming Languages
(C++, MIPS, Python, SQL)

REFERENCES

Available Upon Request

Ray Thomas Cruz

Scrum Leader

EDUCATION

Grad: Spring 2023

Cal State University San Marcos
(CIS Major)

2011 – 2017

San Diego School of Creative Performing Arts
Grades: 6th - 12th (Graduate Student)

Relevant Coursework:

- Introduction to Networking
- Web Programming

EXPERIENCE

IHSS Public Authority – Provider

(2021-Present)

- Provided personal care services for elderly consumers
- Accompanied, translated, and transported consumer for medical appointments
- Performed basic paramedical services

USA Golf Masters/Art World Galleries – Web Designer

(Nov 2018 – Jan 2021)

- Utilized a CMS in order provide constant updates to website
- Programmed skeleton website which was sent to current design team as foundation for new site.
- Implemented cheap and reliable e-commerce services
- Assisted in the manufacturing of new products using a CNC router.
- Delicately handled and assisted in the restoration of various art pieces

Volunteer Work

- Participated in various cleanups, including the Cesar Chavez Day of Service



Stephen R. Palumbo

(858)-442-3770 | srpalumbo99@gmail.com

Education

College | California State University San Marcos (expected graduation: **May 2022**)
-Major: Computer Information Systems

Relevant Computer Science Courses: Databases SQL, Data Structures and Algorithms, Object-Oriented Programming, Flowcharts and Algorithms, Variables, Data Types, Computer Architecture, Assembly Language and Circuit Design, String Operations Flow Control: Branching, Loops and Arrays - File Input and Output, Software Methodology, Web Programming, Operating Systems, Computer Networking, Software Engineering, and Project Management

Relevant Business Classes: Finance, Marketing, Macro and Microeconomics, Financial and Managerial Accounting, Foundations of Organizational Behavior, Foundations of Business Environment, and Operations Management

Work Experience

Self Employed Dog/Pet Care Business 2015 – Present

- Started my own dog care business to help owners with their pets.

Services provided range from:

- Dog walking: during walks I send videos and photos to owner to ensure a quality walk and to make the client more connected with their dog while not being in person
- Medication administration: I administer the medication in strict accordance with their veterinary's direction
- Transportation to and from veterinary care
- Overnight and weekend care
- Created marketing materials around my neighborhood to attract clients
- During the pandemic I emphasized my hygiene habits and limited contact with clients as much by possible
- I have provided services to 8 owners since 2015
- I strongly encouraged my clients to use mobile payments resulting in less transmission between my clients and myself

Taco Bell

June - December 2019

- Head Cashier, drive-thru/kitchen part-time, customer service resolutions, dishwasher, cleaned bathrooms and tables, trash removal

Volunteering

-Field work and clean-up for SHS Baseball, Church Youth Group – Mission San Diego

Academic Awards & Achievements

-S-STEM Scholarship, California Scholarship Federation, Honor Roll, Kiwanis Club Hope of America Award

Andre Castillo

Temecula, Ca

(951) 691-2880

accastillo19@gmail.com

casti142@cougars.csusm.edu

Education:

- Murrieta Valley High school - Murrieta Ca
- Graduated 2017
- Currently attending Cal State San Marcos - Graduating Spring 2022
- Pursuing a Bachelor's Degree
- Major - Computer Information Systems
- 104 Units Completed
- 116 Projected Units Completed by December 2021

Work Experience:

- **Kumon Learning Center** - Murrieta Ca 92562 Phone: (951) 387-3535
 - Job Title - Tutor/Grader
 - Job Description - Helped kids with homework and classwork, graded any school related work, communicated with children and parents, cleaned bathrooms, and filed papers.
 - Employed - September 2016 - August 2017(Left for college)
- **St. Martha Catholic Church** - Murrieta Ca 92562 Phone: (951) 698-8180
 - Job Title - Volunteer Usher
 - Job Description - Helped seat people and communicated with other ushers to make things run smoothly.
 - Employed - May 2015 - February 2016
- **Chef's Pho and Grill** - 324 S Twin Oaks Valley Rd #130, San Marcos, CA 92078 Phone: (760) 744-6789
 - Job Title - Busser/Food Runner
 - Job Description - Run food to tables, clean tables, seat people, take orders, clean bathrooms, etc.
 - Employed - April 2018 - July 2018 (Quit because moved cities)
- **Poke Port** - Wildomar, Ca 92595, 32100 Clinton Keith Rd #H Phone: (951) - 678-0799
 - Job Title - Cashier, Food Server, Kitchen
 - Job Description - Worked in the front and served food to customers. Handled the cashier and worked in the back in the kitchen. Cleaning, washing dishes, prepping all the food, etc.
 - Employed - May 2019 - August 2019(Summer Job, left cause of school)

- **Tutor for Foster Child**
 - Job Title - Tutor
 - Job Description - Working with the San Diego County Office of Education, Future Without Boundaries, was given the opportunity to work under tutor connection which was a community learning service project where I tutored and visited a child in the foster care system.
 - Worked with from - February 2019 - May 2019
- **Amazon Warehouse - Moreno Valley, Ca**
 - Job Title - Picker
 - Job Description - Worked 10 hour shifts from 7:30am - 6pm T-Th and would walk around the warehouse pushing a cart, carrying a variety of different goods that was asked of me, then putting them on a conveyor belt.
 - Employed - May 2020 - September 2020(Summer Job, left cause of school)
- **Amazon Warehouse - Moreno Valley, Ca**
 - Job Title - Case Receive
 - Job Description - Worked 10 hour shifts from 5:00pm - 4:30am Weekends. Open boxes and sort them using scanners and computers. Lifting heavy boxes out of trucks and organizing them.
 - Employed - December 2021 - currently

Skills:

- Strong verbal communication
- Organized
- Self-motivated
- Hardworking
- Time-management
- Adaptability
- Teamwork
- Leadership

Programming Languages:

- C++ - Intermediate
- Python - Intermediate
- MIPS - Intermediate
- SQL - Some knowledge
- CSS - Some Knowledge



Isaiah Martin

Programmer

Isaiah Martin

4045 Poppy Place
San Diego, CA 92105

619-246-1045
Marti1366@cougars.csusm.edu

Skills

C++, sql, java, project management, interpersonal skills, javascript, html

Experience

The Home Depot/Freight Team

JUNE 2017 - PRESENT, IMPERIAL, SAN DIEGO

Responsible for the unloading and placement of product from freight truck to shelves. Also responsible for down stocking and filling empty products.

SDUSD/Track and Field Coach

FEBRUARY 2018 - Present, IMPERIAL/DOWNTOWN SAN DIEGO

In charge of coaching shotput and discuss.

Education

San Diego High School/High School Diploma

AUGUST 2009 - JUNE 2013, LOCATION

California State University San Marcos

AUGUST 2018 - Expected graduation MAY 2022

Coursework

Web Programming, Data Structures & Algorithms, Database Management, Marketing, Networking, Operating Systems