

**PROJECT CHARTER**  
**THE RAPIDS CEMETERY**

**TEAM EMERALD**

**JANUARY 31ST, 2017**

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## **EXECUTIVE SUMMARY**

The Rapids Cemetery has fallen apart over the greater portion of the last century and is in dire need of restoration and attention. We propose that a website be created to provide a platform on which interested parties can utilize to learn more about and support the Rapids Cemetery. The website should include all of the information about the tomb stones and vegetation found in the cemetery as well as provide users with an interactive map of the cemetery and a map of the surrounding area. The goal of the website is to raise awareness of the cemetery and provide an engaging experience for the visitors.

## **PROJECT PURPOSE/JUSTIFICATION**

### **Purpose**

The Rapids Cemetery was abandoned and is in the process of being restored by the History & Archives Committee of the 19th Ward Community Association. There are still tomb stones that need to be recovered and vegetation that need to be maintained. Few people know about the Rapids Cemetery and the history and beautiful vegetation it has to offer. The goal is for Rapids Cemetery to be a destination for the community to visit, learn, and feel connected to their local history. The project will support this goal by increasing the city's awareness of the Rapids Cemetery and providing an interactive experience to enhance the user's experience while they explore the cemetery and learn about local history. This project should increase the number of people coming to the cemetery and increase the community's support in maintaining the cemetery. This is a top priority as the project supports the associations ultimate goal to increase the community's awareness of the cemetery and provide a way for the community to feel connected to their local history.

### **Goals**

- To create a more interactive and enjoyable experience while at Rapids Cemetery.
- Motivate learning about Rapids Cemetery and other local historical attractions.
- Utilize people's commonly-held devices.
- Help visitors navigate the cemetery.
- Create an easily accessible admin portal to moderate content.
- Encourage users to engage with each other.
- Build social functionality to share photos and content.
- Optimized for lower-end phones and unreliable internet connection
- Efficient on data, download cannot be excessive

## **Objectives**

- Create a web app that works on Android and IOS devices.
- Implement a real-time interactive map with the user's location.
- Provide a map of the local area with historical trails.
- Create an admin interface in order to access the back-end database in order to modify any web app content.

## **PROJECT DESCRIPTION**

### **Customer**

History & Archives Committee of the 19th Ward Community Association; John Curran (jecurran@rochester.rr.com) and Mary Dan Cooper (marydan@frontiernet.net)

### **Sponsor**

History & Archives Committee of the 19th Ward Community Association; John Curran (jecurran@rochester.rr.com) and Mary Dan Cooper (marydan@frontiernet.net)

### **Stakeholders**

The History & Archives Committee of the 19th Ward Community Association are a major stakeholder of this project. They are the customer and product owner, so the success of this project is very important to them.

The community is also a stakeholder of this project. The community will benefit from having Rapids Cemetery as a public service and enrichment this project is providing to the cemetery. Rapids Cemetery Restoration Committee, which includes Veterans Groups and the City.

### **Success Criteria**

In order for this project to be successful, our team would need to achieve the objectives set by the customer. We will need to deliver an interactive website that would be used by the Rapids Cemetery visitors. The website will need to be available in two versions with the capability to display a geographically accurate map of the cemetery that can either be displayed in an interactive mode for on-site users or non-interactive mode for remote users. The map of the cemetery will need to display pins that have descriptions attached to them. There will be a page with a static map of nearby historical trails. We'll also need to focus on making the interactive version as resource-light as possible so that it can be used by a broad range of mobile devices and run without any major interruptions on subpar internet connections.

The customer wants to make the cemetery more available to everyone. They want to build an online presence for the cemetery to encourage the locals to learn more about their history and hopefully get them involved to help around the cemetery. The customer hopes this project will help them to achieve the following goals and it would be a considered a success if they managed to:

- Increase the number of people visiting the cemetery by 25%.
- Increase the number of returning visitors by 10%.
- Increase the number of children visiting by 25%.
- Increase the number of people who said they learned something by 25%.
- Increase the number of people who said they had fun by 10%.

### **Project Context**

The primary business goal of the History and Archives Committee is to attract people to visit the cemetery and promote the support, growth, and maintenance of the cemetery grounds. This project's primary function is to assist in that goal by providing an interactive experience for users. This will be competing with similar projects at other historical sites such as Mt. Hope Cemetery.

### **Project Dependencies**

This project depends on the google API for google maps to continue to provide a working solution for use in our map related features. It depends on the ability of the developers to understand how to create a working solution in PHP, HTML, and JavaScript. Additionally, we rely on communication from the client as well as for the client to provide any content/data that will be posted on the website.

### **Constraints**

Limitations on this project are time and money. Costs related to funding for the domain name and hosting are to be provided by the History and Archives Committee or parent company. Product development is not allowed any time past the date of May 12th, 2018. This project has no dependencies on other projects. Product maintenance will be done solely by the association.

### **Assumptions**

1. The team members filled out the team roll survey accurately and are able to complete the role that they agreed to on the team contract. See appendix E for team resumes.
2. The History & Archives Committee of the 19th Ward Community Association will provide all of the content and add all of the data to the website.
3. The association will provide feedback and communicate at least once a sprint (every 2 weeks).
4. Google Maps API continues to be free and accessible.

## Scope Specifications

1. The site will contain the following pages:
  - a. Home - Contains general content<sup>1</sup>
  - b. Tombstones & Natural History- Contains a map with the pin locations on it and information about the pins. Pins include tombstones, flora, and other natural history.
  - c. Nearby Historical Trails - Contains general content about local trails
  - d. About Us - Contains general content about the association
  - e. Blog - Contains a blog with images and posts
2. One of the functional requirements to be included in the scope of this project is a map of the cemetery.
3. We also will provide the location of various pins for the user, show the user's location, show location of various physical aspects of the cemetery, and provide a link that provides more detail about each pin. The user's location and location of various physical aspects will be indicated on the map using an icon.
4. There will be an admin interface that allows the admin to update content for the website and will be given basic training on how to use the interface.
5. The minimum performance requirements for the scope of this project will allow multiple concurrent users. The number of maximum concurrent users can be increased by upgrading your plan with your ISP.
6. This application will be using the user's data plan if the user is at the cemetery, or any location where they don't have access to WiFi.
7. We will also be providing sponsors with training and how to maintain the system after deployment.
8. There will be documentation of all code and procedures to provide maintainability.
9. Code will follow basic programming standards.
10. The minimum business requirements for the scope of this project include an interactive cemetery map that will be available for IOS and Android devices and all modern web browsers.
11. The admin user should have basic internet knowledge to update content.

See appendix A for Requirements and appendix B for User Stories.

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<sup>1</sup> General content includes text, titles, subtitles, and links to images or documents.

## **Out-of-scope Specifications**

There are certain functionalities, service or solutions that, while close to the goals of the project are still a subject apart and as such fall out of the project scope.

1. First and foremost, the ability to edit the features of the map through the admin portal beyond adding, editing or removing pins. Such functionality could have negative impact on the already tight schedule which could in turn affect the quality of the end product.
2. The user's precise location will not be displayed on the map due to the low accuracy of mobile GPS. Implementing it could be counter productive for the user experience due to the aforementioned accuracy. Live and dynamic directions leading the user to the desired location will not be provided due to the lack of defined pathways on the cemetery premises and poor location accuracy.
3. The application will not function offline. An internet connection of some sort will be necessary for the application to run while at the cemetery.
4. Setting up donation accounts for the Rapids Cemetery will not be a part of the project.
5. Setting up social media accounts for the Rapids Cemetery will not be a part of the project.
6. Creating, editing, maintaining or updating content for the website does not fall under the project's purview. The client is responsible for providing and adding all content to the website. Placeholder content will be used during site development.
7. Search functionality is outside of the scope specifications.
8. Training for Google Analytics will be out of scope. We will provide links to the documentation online.
9. Audio narratives are out of scope.
10. Collecting donations is out of scope.
11. A dynamic timeline is out of scope.

## **RISKS**

The risks included in this project are that the google API does not continue to provide the services we require from it for free or has a currently unknown limitation on the free usage of a heavily depended API aspect of the project. In this case we would have to either find a way to finance continued unlimited use of the API or rely much more heavily on the non-interactive mode in the application. We also run the risk of running out of time due to the strict deadline. In this case we would have to cut down on the extra features that we are including and focus on the primary required features. Another risk includes members of the teams dropping the class or failing their commitments to the team. This would reduce the amount of the work the team is able to complete.

See appendix F for Risk Management chart.

## **SCHEDULE MILESTONES**

Feb 4th - Phase Gate 1  
Feb 18th - Phase Gate 2  
Feb 25th - Phase Gate 3  
Apr 13th - Final Project Code  
Apr 20th - Deployment Plan

See appendix C for Work Breakdown Structure, appendix G for Gantt chart, and appendix H for Pert chart.

## **COST ESTIMATES**

The project should cost about \$10.00 a month for a ISP hosting account.

## **PROJECT MANAGER**

Brianna Buttaccio, the project manager does not have absolute authority. All major decisions are made by a majority vote. The project manager is there to guide the team and to make sure the team meets deadlines and all tasks are complete to the specifications provided in appendix A.

## **COMMUNICATION**

All team members and sub teams are expected to communicate with the project manager. Sub teams (front end, back end, design, documentation) should have a direct line of communication with each other; we will be using Google hangout for team communication, but not for communication with the sponsor . We will use a combination of waterfall and agile methodologies. We will work in two weeks sprints with a sprint planning meeting at the beginning of each sprint. We will not do daily standups. Members of the team are expected to communicate with the project manager during the sprint on an as-needed basis. During sprint planning the team will estimate the tasks based on what can be complete during the sprint, not using story points.

Communication with the client is expected at least once a Gateway through email. We will communicate with John Curran (jecurran@rochester.rr.com) and Mary Dan Cooper (marydan@frontiernet.net). After the presentation and demonstration at RIT, please provide feedback via email within one week. The technical team member, John Burch can be contacted at burchjd22@yahoo.com, or the Office Manager Jackie Farrell at 19thward@19wca.org.

## **AUTHORIZATION**



## APPENDIX A

### Requirements

Our sponsor for this project is 19th Ward Community Association. We are working on a website that will be used by the Rapids Cemetery visitors. Our client wants to attract more people to a place that is usually ignored as well as create a new and unique experience for exploring the cemetery. The goal of the website is to enable visitors to interact with the environment and provide interesting historical information about the gravestones and other attractions at the cemetery.

### 1. Functional Requirements

#### 1.1 Desktop and Mobile Website

- 1.1.1 A map of the cemetery including the exact location of pins
  - 1.1.1.1 The user can zoom the map.
  - 1.1.1.2 An icon on the map will indicate the location of a pin.
  - 1.1.1.3 Users are able to click on a pin icon and see summary information about it. There will be a “Display More” link. The link will bring the user to a page with extensive information about this pin.
  - 1.1.1.4 The “Display More” link will bring the user to a new page with details about the selected pin including any images.
- 1.1.2 A page with nearby historical trails.
  - 1.1.2.1 The user can view static maps of the trails.
  - 1.1.2.2 The user can click to learn more information about the contents on the map
- 1.1.3 A page with information about the flora.
  - 1.1.3.1 The user can see images and read information about the various flora at the cemetery.
- 1.1.4 Simple to use content management for an admin user.
  - 1.1.4.1 An admin user can login to the content management site.
  - 1.1.4.2 An admin user can create, read, update, and delete pins<sup>2</sup>.
  - 1.1.4.3 An admin user can create, read, update, and delete flora<sup>3</sup> information.

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<sup>2</sup> A pin is content related to a pin including its coordinate location, image, and textual information.

<sup>3</sup> Flora is content related to flowers, plants, and other vegetation such as Daylilies and Black Raspberries. Content includes images and textual information.

- 1.1.4.4 An admin user<sup>4</sup> can update general website content<sup>5</sup> and add links to documents on DropBox or Google Drive.
- 1.1.4 On the mobile website only, display the user's current position on the map.
- 1.1.5 An admin user can create posts to share content with readers.
  - 1.1.5.1 An admin user can share news about the cemetery with readers.
  - 1.1.5.2 An admin user can share images and documents with readers.
  - 1.1.5.3 An admin user can share information about upcoming and past events with readers.
- 1.1.6 Users can filter pins by event
  - 1.1.6.1 Pins that fit the filter will be highlighted on the map.
  - 1.1.6.2 Users can cancel the filter.
  - 1.1.6.3 Admin users can apply a filter to existing and new pins.
  - 1.1.6.4 Admin users can create, read, update, and delete filters.
- 1.1.7 A page with information about the history.
  - 1.1.7.1 The user can see images and read information about the various history at the cemetery.

## **2. Performance Requirements**

### **2.1 Mobile Website**

- 2.1.1 The website can handle a high number of concurrent users.
- 2.1.2 The website is optimized for lower-end phones and unreliable internet connection
- 2.1.3 In conditions of good internet connection, loading the map of the cemetery and adjacent attractions must not exceed 5 seconds
- 2.1.4 Efficient on data, download cannot be excessive

### **2.2 Desktop Website**

- 2.2.1 The website can handle a high number of concurrent users.
- 2.2.2 In conditions of good internet connection, load time must not exceed 5 seconds.

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<sup>4</sup> An admin user is a member of the 19th Ward Community Association that has been given the authority and credentials to edit the content on the website through the content management site.

<sup>5</sup> General website content includes textual content on the site that is not specifically a pins.

### **3. Business Requirements**

#### **3.1 Desktop and Mobile Website**

- 3.1.1 The website is available to anyone use.
  - 3.1.1.1 The website is available on Chrome, Edge, Internet Explorer, FireFox, and Safari.
  - 3.1.1.2 iOS support.
  - 3.1.1.3 Android support.
- 3.1.2 Users can interact with the map, zoom, and browse the content.
- 3.1.3 Admin users can update website content
  - 3.1.3.1 Admin users can easily create, read, update, and delete pins on the map with basic internet knowledge.
  - 3.1.3.2 Admin users can easily create, read, update, and delete flora information with basic internet knowledge.
  - 3.1.3.3 Admin users can easily update general content with basic internet knowledge.
- 3.1.4 The customer is provided with training documentation on how to maintain the website.
  - 3.1.4.1 The customer is provided training documentation on to login to the content management site.
  - 3.1.4.2 The customer is provided training documentation on how to create, read, update, and delete pins.
  - 3.1.4.3 The customer is provided training and documentation on how to update general website content.
  - 3.1.4.4 The customer is provided training and documentation on how to create, read, update, and delete content to include natural history and historical information.
  - 3.1.4.5 The customer is provided training documentation for any implemented additional functionality.
  - 3.1.4.6 The customer is provided training documentation on how to use Google Drive to add documents to the site.
  - 3.1.4.7 The customer is provided online resources on how to use Google Analytics.

## **APPENDIX B**

### **User Stories**

#### **1. Functional Requirements**

##### **1.1 Desktop and Mobile Website**

- 1.1.1 As a user, I want to be able to view a map of the cemetery so that I can traverse it
  - 1.1.1.2 As a user, I want to be able to view where specific pins are on the map so that I can go look at them
  - 1.1.1.3 As a user, I want to be able to learn about specific gravestones and their history by clicking on them on the map
- 1.1.2 As a mobile user, I want to know where my location is on the map so that I can know where I am in relation to other landmarks
- 1.1.3 As a user, I want to know more about the attractions in the nearby area
  - 1.1.3.1 As a user, I want to be able to access a link to nearby attractions' websites on the wider area map so that I can go view them
  - 1.1.3.2 As a user, I want to be able to learn about the attractions by clicking them it on the map
- 1.1.4 As a user, I want to know more about the natural history at the cemetery
  - 1.1.4.1 As a user, I want to be able to view where specific on the map so that I can go view them
  - 1.1.4.2 As a user, I want to have information about the natural features accessible to me whenever so that I can learn about it
- 1.1.5 As an admin, I want to be able to configure the content of the application and the website
  - 1.1.5.1 As an admin, I want to be able to create, update and delete content
  - 1.1.5.2 As an admin, I want to be able to create, update and delete links to nearby attractions
  - 1.1.5.3 As an admin, I want to be able to update general website content

## **2. Performance Requirements**

### **2.1 Mobile Website**

- 2.1.1 As a user, I want the website to be supported by all modern mobile operating systems and mobile browsers
- 2.1.2 As a user, I want the website to be optimized to perform as best as possible even on low-end devices
- 2.1.3 As a user, I want the website to be able to support a large number users at the exact time without crashing
- 2.1.4 As a user, I want the website to load fast and have fast response times during interaction with the map
- 2.1.5 As a user, I want the website to be as efficient as possible in terms of data consumption

### **2.2 Desktop Website**

- 2.2.1 As a web user, I want to be able to connect quickly no matter the device, platform, or browser.
- 2.2.2 As a web user, I want the website to be able to support a large number users at the exact time without crashing.
- 2.2.3 As a web user, I want fast load times so that I can navigate through pages quickly.

## **3. Business Requirements**

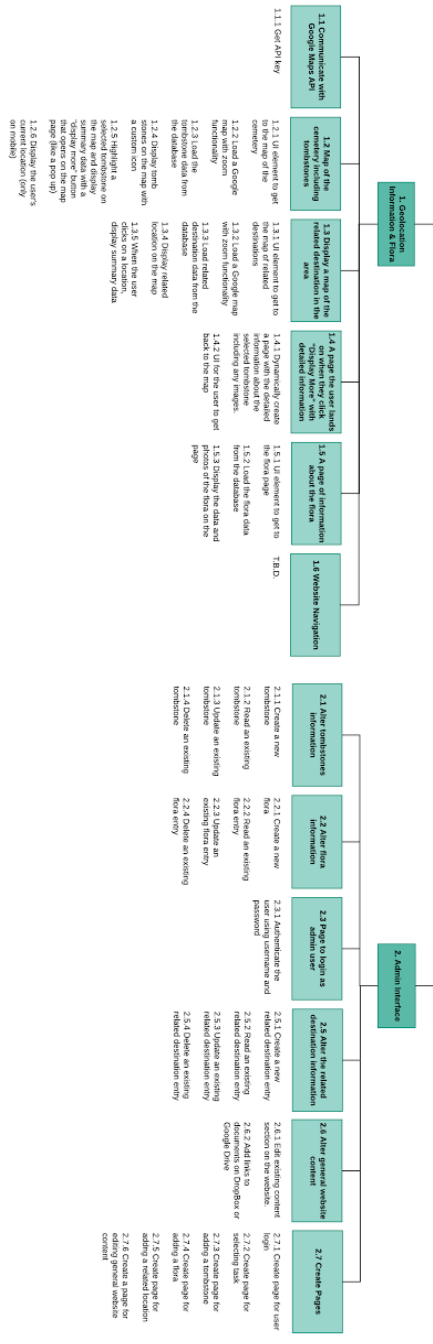
### **3.1 Desktop and Mobile Website**

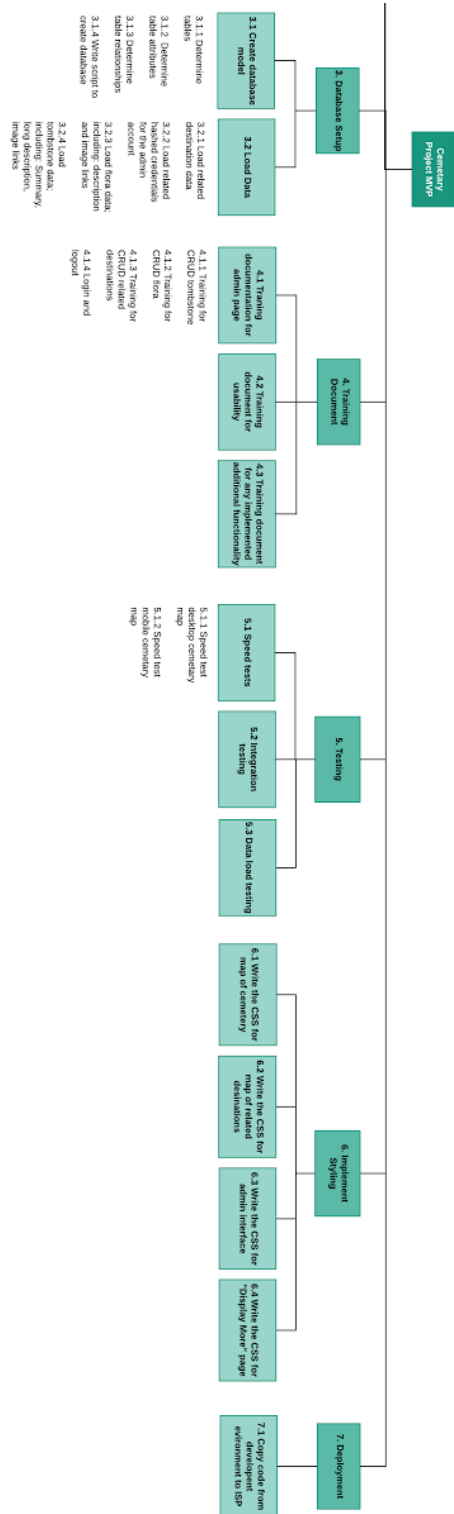
- 3.1.1 As a user, I want to be able to access the website from all popular platforms and browsers
- 3.1.2 As a user, I want to be able to view and interact with all the content available on the website regarding the cemetery and other landmarks
- 3.1.3 As an admin, I want to be able to edit all the content on the website at my leisure
- 3.1.4 As a customer, I want to be provided with training and documentation on how to maintain the website
- 3.1.5 As a user I want to be able to filter pins by event
- 3.1.6 As an admin, I want to be able to create and apply filters to pins
- 3.1.7 As an admin, I want to be able to create posts and share content with readers

3.1.8 As a user, I want to be able to easily share photos taken at Rapids Cemetery, and posts about Rapids Cemetery with a community of people who are all interested in Rapids Cemetery

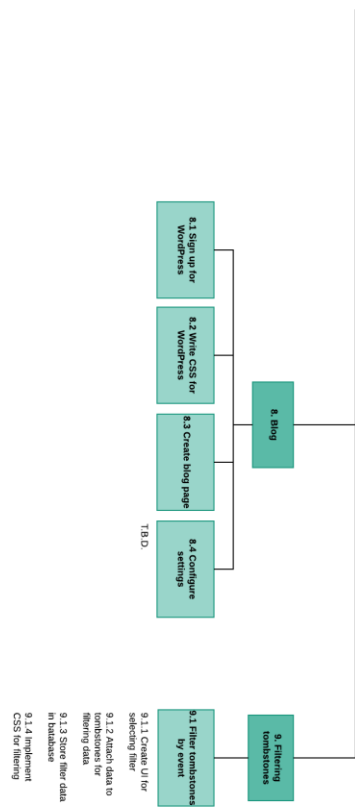
# APPENDIX C

## Work Breakdown Structure – MVP










# APPENDIX D

## Resumes

<div><div><div><div><div><div><b>CLAIRE NOBLE</b></div></div></div><div><div><div><div><div><div></div><div>csn6973@rit.edu</div></div><div><div><div><div><div><div></div><div>(510) 289-9092</div></div><div><div><div><div><div><div></div><div>in claire-noble-7b8028a5</div></div></div></div></div></div></div></div></div></div><div><div><div><b>Summary</b></div></div><div>I am looking for a Software Engineering New Grad Position.</div></div><div><div><div><b>Education</b></div></div><div>Rochester Institute of Technology M.N Psychology 2018 B.S Web &amp; Mobile Computing 2018</div></div><div><div><div><b>Skills</b></div></div><div><div><div><b>PROGRAMMING LANGUAGES</b></div><div>Java HTML/CSS PHP JavaScript jQuery MySQL C# Objective-C Swift AngularJS Node.js</div><div><div><b>COMPUTER SYSTEMS</b></div><div>Windows iOS Linux</div><div><div><b>LANGUAGES</b></div><div>Thai (conversational)</div><div><div><b>GRAPHICS EDITORS</b></div><div>Adobe Photoshop Adobe Illustrator</div><div><div><b>OTHER</b></div><div>Git Agile/Scrum Graphic Design Wireframing</div></div></div></div></div><div><div><div><b>Awards</b></div></div><div>Rochester Institute of Technology Dean's List Fall 2014, Fall 2015, Spring 2016  Albany High School Excellence in Computer Science June 2014</div></div></div></div></div></div></div></div></div></div></div></div>	<div><div><div><div><div><b>Employment</b></div></div></div><div><div><div><div><div><div>JP Morgan Chase</div><div>Technology Analyst Intern</div><div>San Francisco, CA Jun 2018 to Aug 2018</div><div><ul style="list-style-type: none"><li>Integrated accessibility automation framework into current test system</li><li>Worked on defects within the Chase.com Profile team</li><li>Created new Web based Triage Tool with fellow interns</li></ul></div></div></div><div><div><div><div><div>Datto Inc.</div><div>Software Engineering Intern</div><div>Norwalk, CT May 2016 to Aug 2016</div><div><ul style="list-style-type: none"><li>Implement web interfaces using HTML, CSS, and JavaScript</li><li>Code high-volume software using primarily PHP</li><li>Created new backend mySQL repository used by development team</li></ul></div></div></div><div><div><div><div><div>Rochester Institute of Technology</div><div>Teaching Assistant</div><div>Rochester, NY Jan 2017 to Current</div><div><ul style="list-style-type: none"><li>Assist students with course work</li><li>Offer tutor hours and sessions</li><li>Grade assignments as assigned by Professor</li></ul></div></div></div><div><div><div><div><div>Innovaspire</div><div>Intern</div><div>San Carlos, CA Jul 2013 to Aug 2013</div><div><ul style="list-style-type: none"><li>Merged Facebook API with new sign in system</li><li>Dealt with new database systems and learnt beginner's objective-C</li><li>Implemented new email validation system connected to mobile accounts</li></ul></div></div></div></div></div><div><div><div><div><div><b>Projects</b></div></div></div><div><div><div><div><div>The Cite Site</div><div>Made at WiCHacks 2017</div><div>Feb 2017</div><div><ul style="list-style-type: none"><li>Created research tool that allows users to cite article information</li><li>Used JavaScript to dynamically add tags to selected quotes</li></ul></div></div></div><div><div><div><div><div>WiC Wearables</div><div>Sep 2015 to May 2016</div><div><ul style="list-style-type: none"><li>Designed an interactive cuff/bracelet using Adafruit's FLORA</li><li>Installing pulse rate monitor to report to user when they are feeling stressed</li><li>Programming using Arduino indicates users to do calming activities</li></ul></div></div></div><div><div><div><div><div>WiC Raspberry Pi</div><div>Team Lead</div><div>Sep 2015 to May 2016</div><div><ul style="list-style-type: none"><li>Organized purchases through Women in Computing</li><li>Engineering game emulator using Raspberry Pi and RetroPie</li><li>3D printed Gameboy case for hardware</li></ul></div></div></div><div><div><div><div><div>CoolCumber</div><div>Made at BrickHack 2016</div><div>Feb 2016</div><div><ul style="list-style-type: none"><li>Used Javascript to create Pebble App</li><li>Used Twilio API to send emergency text messages to chosen contacts</li></ul></div></div></div></div></div><div><div><div><div><div><b>Activities</b></div></div></div><div><div><div><div><div>BrickHack (Hackathon at RIT) - Logistics Coordinator</div><div>Feb 2017 to Current</div><div><ul style="list-style-type: none"><li>Coordinate Volunteers for the event</li><li>Organized and worked with food vendors</li><li>Assisted sponsors</li></ul></div></div></div><div><div><div><div><div>Women in Computing at RIT - Webmaster</div><div>May 2016 to May 2017</div><div><ul style="list-style-type: none"><li>Update websites, as well as adding and changing information provided for our annual events</li><li>Implement changes to websites in an effort to update information faster and easier</li><li>Respond to suggestions to update style, function, and issues</li></ul></div></div></div><div><div><div><div><div>Space Time Adventures at RIT (STAR) - Treasurer</div><div>May 2016</div><div><ul style="list-style-type: none"><li>Manage club funds and all financial transactions</li><li>Collect Membership dues and maintain relevant documents</li><li>Organize club fundraisers</li></ul></div></div></div><div><div><div><div><div>Women in Computing at RIT - Projects Committee Head</div><div>Jan 2016 to May 2016</div><div><ul style="list-style-type: none"><li>Encourage all WiC members to collaborate on computing projects</li><li>Manage Project Funds and inventor</li><li>Coordinate Mentor relationships with staff/faculty members an industry professional</li><li>Organize projects to be displayed at ImagineRIT upon completion</li></ul></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>
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# Brianna Buttaccio

(585)-794-8860 | brianna.buttaccio@gmail.com

- Objective:** To obtain a co-op in the field of Web and Mobile Development.
- Education:**
- |   |   |
|---|---|
| <b>Rochester Institute of Technology</b><br>Bachelor of Science in Web and Mobile Computing<br>GPA: 4.0/4.0<br><b>Honors:</b> Dean's List all terms; Phi Theta Kappa Honors                   | <b>Rochester, NY</b><br>Expected May 2018 |
| <b>Monroe Community College</b><br>Associates of Science in Engineering Science<br>GPA: 3.9/4.0<br>Graduated with distinction<br><b>Honors:</b> Dean's List all terms; Phi Theta Kappa Honors | <b>Rochester, NY</b><br>2013 - 2015       |
- Skills:**
- Developer Tools:** WordPress, Shopify, MySQL, Photoshop, Illustrator, Microsoft Visual Studio, and IntelliJ
- Programming Languages:** Java, HTML5, CSS, JavaScript, JQuery, SQL, C#, and PHP
- Coursework:** Web and Mobile, Databases, Data Structures, and Discrete Mathematics
- Experience:**
- |  |  |
|--|--|
| <b>Eagle Dream Technologies</b><br><b>Web Developer Co-op</b><br>Website and web application development leveraging a diverse set of tool and languages including: WordPress, Shopify, HTML, CSS, and JavaScript. Utilize Photoshop to implement pixel perfect web graphics and content. | <b>Rochester, NY</b><br>August 2016- Current |
| <b>Staples</b><br><b>Technology Sales Associate and Cash Office Manager</b>  | <b>Webster, NY</b><br>May 2015 – Oct. 2015   |
| <b>Delta Sonic Car Wash</b><br><b>Level II Advisor Sales Associate</b>   | <b>Penfield, NY</b><br>Jan 2013- March 2015  |
- Work Projects:** **Strategic Project Planning** for modernizing infrastructure systems and processes for a “2017 Rochester Chamber Top 100” award winning catering software company. The project is a multi-year strategic system and modernization effort resulting in large client migration.

## *Sprint 0 Project Scope:*

- Decision Making: process - scrum methodology, ready definitions, done definitions, roles, and responsibilities
- Technology Assessment: Bootstrap, SASS, Less, JQuery, and AngularJS
- Infrastructure Assessment: Rackspace, Azure, AWS, ASP.Net Core, SQL Server, MySQL, Aurora, and PostgreSQL
- Integration Assessment: existing catering modules, billing, and CRM

## *Sprint 0 Project Responsibilities:*

- Project management
- Participating and influencing decision making through brainstorming discussions
- Identifying and resolving risks and issues
- Maintaining project status
- Organizing and maintaining action items and technical documentation

Rochester Institute of Technology: Team Emerald - The Rapids Cemetery

# FARIDA USMAN BAKUNDI

BS. Computer Science.

**Phone:** +971558307756, +2348068867358

**Address:** Cluster C, Block C6, 1004 Housing Estate Victoria Island, Lagos. Nigeria

**Email:** [faridabakundi@yahoo.com](mailto:faridabakundi@yahoo.com)

*Well driven and Energetic student, currently seeking a position at your respective institution. proficient in Microsoft office, Libra Office including java, HTML and java script.*

## EXPERIENCE

### Nigerian National Petroleum Corporation, Lagos

July 2015 - August 2015

#### Intern

Trouble shooting system and network problems.

Moving a computer from one domain/work-group to another

### Galaxy Backbone Limited, Abuja

July 2016 - August 2016

#### Technical Support Intern

Installing and configuration computer hardware, operating system and Application.

Trouble Shooting system and network problems and diagnosing and solving hardware or software problems.

## EDUCATION

### Rochester institute of technology university, Dubai

February 2014 - present

Bachelor of Science in Computer and Information Technologies

### Great Height Academy, Abuja

September 2006 - 2012

High School Degree

## SKILLS

Programming Language.

Java, HTML, java- script, Css, Perl and shell.

Software skills

Microsoft Office, Libra Office.

Languages.

Fluent in English, Hausa and Fulani.

## LANGUAGES

English, Hausa, Fulani (Native)

Created using Resumonk - Online Resume Builder

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# PETAR CUCUK

Street Address, City, State ZIP | H: Phone Number | C: Cell Phone Number | Email

## SKILLS

- Object-oriented design
- Linux (Ubuntu)
- HTML
- CSS
- jQuery
- JSON
- Java

## EXPERIENCE

- 06/2017 to 09/2017    **Internship**  
Enum – Dubrovnik
- 06/2016 to 09/2016    **Internship**  
Enum – Dubrovnik

## EDUCATION AND TRAINING

- 2018    **Bachelor of Science: Information Technology**  
**Rochester Institute of Technology** – Dubrovnik Croatia  
Minor in Anthropology
- 2013    **High School Diploma: Natural Sciences**  
**Grammar School Dubrovnik** – Dubrovnik Croatia

## LANGUAGES

Croatian, English, French

## JASON BEAULIEU

Jxb7623@rit.edu | 860-951-6084

**GITHUB** | <https://github.com/Greg-Griffith>

**SKILLS & ABILITIES** | Proficient in C, C++, C#, Java, MySQL  
Exposure to: COBOL, REXX, DB2, ISPF, TSO, JavaScript, NodeJS  
Developer Tools: Visual Studio, Eclipse, Git, QtCreator

**EDUCATION** | **ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NY**  
BS COMPUTING INFORMATION TECHNOLOGY

**PROJECTS** | Blockchain Development (Fall 2014 – Present)

- Experimented with different metadata structures to store transaction ledgers
- Focused on trying to create a more lightweight system for cryptocurrencies
- Working primarily on the back end in C++

RIT Electronic Gaming Society Website (Fall 2016 – Present)

- Helped to design user registration system
- Written primarily in Java
- Helped to design SQL database to organize club activities

IBM Mastering the Mainframe (Fall 2016 – Spring 2017)

- Learned to use ISPF and some basic TSO commands
- Made queries in DB2
- Wrote basic COBOL and REXX programs
- Learned how to use SDSF to view and interpret process output

**LEADERSHIP** | RIT Electronic Gaming Society LAN Officer (Fall 2016 – Present)

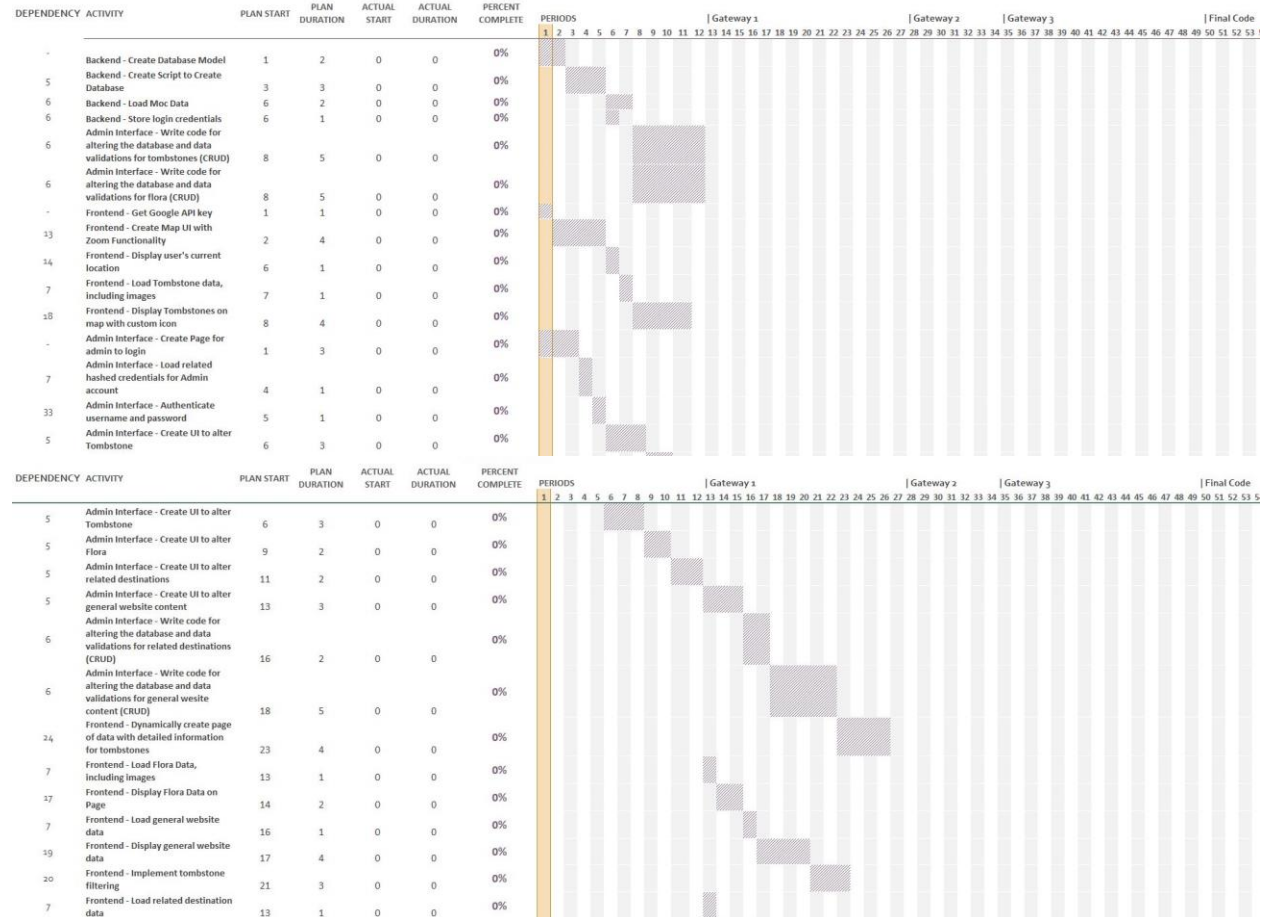
## APPENDIX E

### Risk Management Chart

Risk	Probability	Impact	How to Handle It	Explanation of How to Handle It
Google API stops providing current services	Low	High	Mitigate	Find an alternative map plugin that is free or low cost.
Google API stops providing services for free	Low	High	Mitigate	Find an alternative map plugin that is free or low cost.
Running out of time due to strict deadline	Medium	High	Eliminate	Cut down on the extra features and focus on the MVP
Team members drop the class	Low	Medium	Accept	We would have to cut down on extra features and redistribute that person's work to the rest of the team
Team members fail to complete their commitments to the team	Medium	Medium	Accept	We would have a meeting with the person failing to do work, the PM, and Professor Zilora about why the work is not being done. This would result in a loss of grade for that person and the work itself would have to be reassigned to other group members if the meeting and loss of grade does not fix the problem.

# APPENDIX F

## Gantt Chart







## APPENDIX G

### Pert Chart

Pert chart numbers reference items in the Gantt chart.

