**Project Proposal**

**Project Title: Happy Birthday Card**

**Team Member:**

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| --- | --- |
| Name | Role/Responsibility |
| Benjamin Aggrey | Group Leader |
| Samuel Afley | Web Master |
| Kelsey Grain | Logistics Planner |
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**Project Description:**

This project will create happy birthday cards to be used on the Internet. Hypertext Markup Language (HTML) will be used to create the cards as well as 2D and 3D assets of design.

**Why This is an IoT Project:**

This project is related to IoT because Internet is required when designing the cards using trinket to program. Also, this card would be used on the internet after completion.

**Plan/Expect to Learn:**

We will be able to learn programming methods by using hmtl code and learn along the way how it is used for designing visual objects with 2D and 3D assets. In Summary, we plan/expect to learn

* HTML and CSS
* 2D and 3D design
* Web hosting
* How to make product accessible online
* How to work as a team

**Reference Found So Far:**

* <https://projects.raspberrypi.org/en/projects/happy-birthday/2>

**Cost Estimate:**

Total Estimated ACTUAL Cost: $0.00 – **details in spreadsheet** – all items pre-owned by all participants. Web materials free of cost.

**Task/Timeline/Responsible Member:**

Week 1 (11/15 – 11/21)

* Obtain approval on project proposal [Benjamin]
* Gather materials and references [Kelsey]
* Install/obtain/setup required program(s)/database(s)/websites or access [EVERYONE]
* Start working on webpages for project website [Samuel/Ben]
* Meet to work on abstract and reference list [Kelsey]
* Post FINAL abstract and reference list [EVERYONE] – due 11/21

Week 2 (11/22 – 11/28)

* Complete tutorials/lessons/courses for HTML and CSS [EVERYONE]
* Research on 2D and 3D designs [Kelsey]
* Test prototype and webpages [Benjamin]
* Start preparing host site setup/access [Samuel]
* Meet to work on problems/issues [Kelsey]
* Complete Project webpages and post FINAL URL [Samuel] - due 11/28

Week 3 (11/29 – 12/5)

* Complete code to create happy birthday cards [EVERYONE]
* Complete host website setup [Samuel]
* Prepare draft written report and presentation outline [Kelsey]
* Complete and post status report [Benjamin]– due 12/5

Week 4 (12/6 – 12/12)

* Test cards and website [Benjamin]
* Complete written report [Kelsey]
* Meet to work on presentation [Samuel]
* Practice presentation [EVERYONE]

Week 5

* Presentation [EVERYONE!]
* Post FINAL written report [Kelsey] – due the day of the presentation