# Progress Report
## - Increment 2-
## Group #13

*Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.*

**1) Team Members**

*Brandon Goldsmith -  bbg19/ github: ZenyattaDiscord*

*Eduardo Neira - en18b / github: eduardo-88*

*Katterin Soto- kls18e / github: ktish*

*Marshall Copeland - mtc19a / github:mcop77*

*Joshua Flashman - jaf19j / github: jflashman*

**2) Project Title and Description**

*Our web application, Noleware,  is similar to CyberChef in that our application takes user input along with their selected functions, and sends the output result to the output bar. We are using ReactJS for the frontend and Flask Python for the backend.The user can choose between multiple conversions, functions to work with. For example, a function we have implemented called Md2 and Md4 hashing, in which the user can supply a string or number, and that value will be encrypted. In the next sprint, we plan to be able to stack functions, as well as have most functions implemented.*

**3) Accomplishments and overall project status during this increment**

*Describe in detail what was accomplished during this increment and where your project stands overall compared to the initial scope and functionality proposed.*

*The cornerstone of this iteration was to have a proven functionality by being able to link some of the back-end functions into the front-end.*

**4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

*Please describe here in detail:*
*- anything that was challenging during this increment and how you dealt with the challenges*
*- any changes that occurred in the initial plan you had for the project or its scope. Describe the reasons for the changes.*
*- anything that went wrong during this increment*

*Communication amongst the team has definitely improved. We have been meeting once a week to discuss everyone's progress. A challenge for the front-end developers has been setting up the domain/ server. We had initially sought FSU's web-hosting, however, 3rd party hosting ended up being a better option.*

**5) Team Member Contribution for this increment**

*Please list each individual member and their contributions to **each of the deliverables in this increment** (be as detailed as possible). In other words, describe the contribution of each team member to:*

a) *the **progress report**, including the sections they wrote or contributed to*
   - *Brandon Goldsmith, Marshall Copeland, Eduardo Neira, Katterin Soto were the contributors of this section of the project. We had a meeting for this Iteration and took the time to talk about our progress, things we needed to work on, and split the work evenly.*


b) *the **requirements and design document**, including the sections they wrote or contributed to*
   - *Every team member in this group contributed to the requirement and design document.*


c) *the **implementation and testing document**, including the sections they wrote or contributed to*
   - *Every team member in this group contributed to the requirement and design document.*


d) *the **source code** (be detailed about **which** parts of the system each team member contributed to and **how**)*

   *Brandon Goldsmith- Frontend pages(index.html/styles.css)*

   *Marshall Copeland- The MD2 and MD4 hashing functions, as well as a hashing class that contains those and other future hashing functions*

   *Katterin Soto- Binary to Decimal and Decimal to Binary program Feature(bin2dec.py)*

   *Eduardo Neira-   Encryption / Decryption (AES-Encrypt-Decrypt.py, test.py)*

   *Joshua Flashman - Frontend help, setting up domain (nol3ware.tech)*


e) *the **video or presentation***
   *Brandon Goldsmith created the video.*

**6) Plans for the next increment**

*If this report if for the first or second increment, describe what are you planning to achieve in the next increment.*


*In the next increment we will be finalizing all of the project and delivering a finished product.*

**7) Link to video**

*https://www.youtube.com/watch?v=4PEWLH4Inz8*