

## Progress Report

Prepare a Word document with your team information and a progress report for Phase 4.

4. Team Name: Group4	5. Date: August 4, 2024
Team Members: Jorge Leon Gomez, Juan Felipe Rivera Cortes	Reporting Period: Phase 4

The development of the back-end progress report template:

c. Phase 4 – Back End Development	
d. Tasks Completed	<p>e. What tasks have been completed in Phase 4?</p> <p><b>We completed the back-end portion of the application and connected the back-end with the front end making our application interactive with users.</b></p> <p><b>We troubleshoot and tested our application with scenarios that might have caused issues and adjusted accordingly.</b></p> <p><b>Our application is fully operational.</b></p>

<p><b>f. Challenges Faced</b></p>	<p>What obstacles did you encounter, and how did you overcome them?</p> <p><b>We had trouble with finding tags using our web scrapping application. We had to spend a lot of hours testing and troubleshooting finding the correct tags that was common with every item.</b></p> <p><b>Also, converting the data type once the data was extracted from the website so that our front-end UI could handle the data and display it.</b></p> <p><b>Last of all, we had issues with the limited amount of request a web site such as Amazon allows you to web scrape.</b></p> <p><b>We had to limit our amount of testing such as limiting our item acquisition to 10 items and number of request per hour.</b></p>
<p><b>g. Individual Contribution</b></p>	<p>What did each group member work on in Phase 2?</p> <p>Example:</p> <p><b>Co: We used meetings to troubleshoot issues such as finding ideas to bypass hurdles.Created the back end.</b></p> <p><b>Jorge: Connected the back-end to the front end of the application. Adjusted code to fit our specifications.</b></p> <p><b>Juan: Found libraries that could incorporate into the back end portion of the application. Advised on the connection of the back-end and from-end.</b></p>

**h. Plan for Phase 3  
(Individual and Group)**

What do you plan to work on as a group and individually in Phase 5? What progress do you expect to make?

**We will try to .**

**Jorge will be in charge of creating the connection to a web service. Such as to host our application to deploy our completed web application to the cloud.**

**Juan research ways how to incorporate our application to web service. Such as to host our application to deploy our completed web application to the cloud.**