

Day 20 – 25 July 2025 (Friday):

Final Testing and GitHub Upload

The twentieth day of the internship was dedicated to **final testing, debugging, and professional project management**. After completing the Automated Search Bot and Mental Health Support Bot, I conducted **comprehensive end-to-end tests** for all workflows to ensure they functioned as expected. This included verifying data collection, AI analysis, agent interactions, and alert mechanisms across all projects.

Minor bugs and inconsistencies were identified and corrected, such as formatting issues in Google Sheets, occasional misclassifications in sentiment analysis, and small errors in API responses. These adjustments ensured **smooth operation and reliability** of the entire system.

Once testing was complete, I uploaded the complete project code to my **GitHub repository “summer_projects”**, following proper version control practices. The mentor explained the importance of **commit messages, repository organization, and documentation**, which are essential for professional collaboration and long-term project maintenance. I also created a **readme file** summarizing each project, its purpose, and usage instructions to make it easier for others to understand and replicate the workflow.

Learning Outcome:

Developed skills in **final testing, debugging, and workflow validation**. Gained practical experience in **version control using GitHub** and learned the best practices for professional project documentation and collaboration.