# Day 1: Command-Line and File Handling + Wget Integration

## User Story

As a Developer, I want to:

• Accept a starting URL from the command line.

• Download the HTML page using wget.

• Save the HTML in a target directory (e.g., pages/).

As a User, I want to:

• Ensure the crawler checks if the target directory exists before saving, so I know my data will be stored correctly.

Command to start the program:

./crawler [SEED\_URL] [TARGET\_DIRECTORY] [MAX\_CRAWLING\_DEPTH]

## Acceptance Criteria

1. Missing URL Handling

• If no URL is passed, the program exits with an error message.

2. Valid URL Download

• If the URL is valid, it is downloaded using wget.

• If invalid, an error is returned.

3. File Storage

• HTML is saved in the specified target directory with a unique file name.

• If the target directory does not exist, the program should create it automatically.