Got it. Let me break down and outline what you've described for your dashboard application:

1. *Purpose of the Dashboard Application:*

   - A unified dashboard to access and view information from multiple applications (e.g., LinkedIn, Gmail, Outlook, Google, Slack).

   - Users can see all messages and notifications in one place without switching between apps.

2. *Main Components:*

   - *Dashboard Interface:* The front-end that displays data from all integrated applications.

   - *API Communication Program:* A backend program that communicates with various APIs of the applications.

   - *JSON Config Files:* Configuration files for each application's API detailing common and custom parameters.

   - *Common Code Base:* A set of code that processes the JSON configs and makes API calls.

3. *Steps to Create the Application:*

   - *API Integration:*

     - Develop a program to communicate with the APIs of LinkedIn, Gmail, Outlook, Slack, etc.

     - Ensure the program can handle different API structures by abstracting common and custom parameters.

   - *Strategy Pattern Implementation:*

     - Use the strategy pattern to manage differences and similarities across APIs.

     - Create JSON config files for each API, which include common keys and custom values.

     - Ensure these configs are designed to allow the common code to access all necessary parameters.

   - *JSON Configuration:*

     - Define key-value pairs in JSON files for each application's API.

     - Include both common keys (shared across all APIs) and custom values (specific to each API).

   - *Common Code Development:*

     - Write common code that reads and processes the JSON config files.

     - Implement dependency injection to dynamically inject parameters at runtime.

     - Ensure the code can make requests to the different APIs using the parameters from the JSON configs.

4. *High-Level Diagram:*

   - *Dashboard Interface*: Visual representation of messages and notifications from various applications.

   - *API Communication Layer*:

     - Each Application API (LinkedIn, Gmail, etc.)

     - Common Program to interact with APIs

   - *JSON Config Files*:

     - Separate JSON file for each application's API

- Common and Custom parameters within each JSON

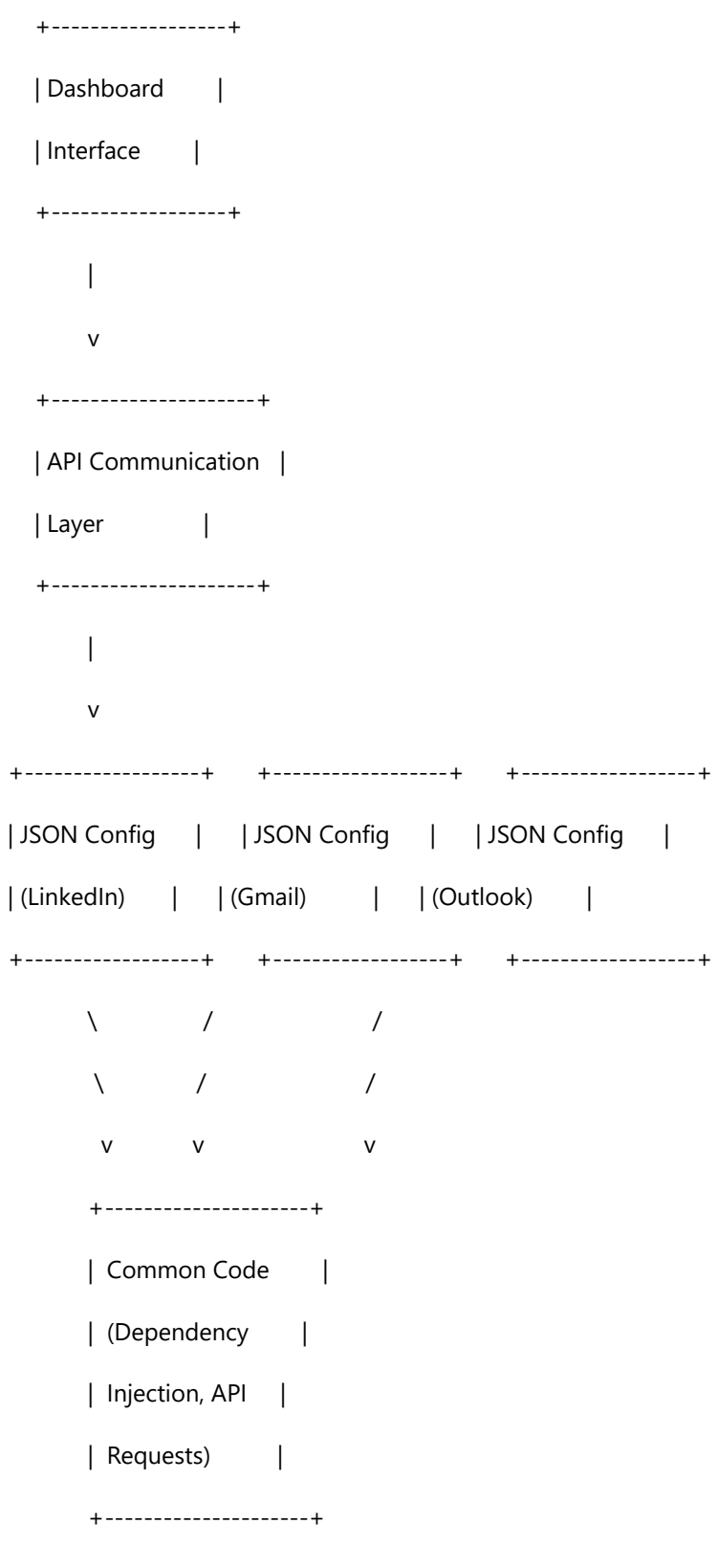
- *Common Code*:

- Reads JSON files

- Performs dependency injection

- Makes API requests

Here is a high-level diagram representation:



In this diagram:

- The *Dashboard Interface* is the front-end that users interact with.

- The *API Communication Layer* handles communication with various application APIs.

- The *JSON Config Files* for each application (LinkedIn, Gmail, Outlook, etc.) contain the necessary configuration details.

- The *Common Code* processes the JSON config files, performs dependency injection, and makes the API requests to gather data from the different applications.