

Level-Up Meds Project

Glossary

Version 3.0

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Title: Research Web Portal Project	
Version: 3.0	Date: 12/11/25

Revision History

Date	Version	Description	Name(s)
10/27/25	1.0	Rough Draft of Glossary	Chance Biddle
10/31/25	2.0	Refinement on Glossary	Chance Biddle
12/11/25	3.0	Refinement on Glossary	Chance Biddle

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Definitions, acronyms and abbreviations

- **Amazon Translate API** - Amazon Translate is a neural machine translation service that delivers fast, high-quality, and affordable language translation. It allows you to translate text and documents between multiple languages in real-time or batch mode.
- **Amazon Web Service (AWS)** – A cloud computing platform used for hosting, deployment, authentication, and database management for the LevelUp Meds web application.
- **Amplify** – AWS framework that simplifies configuration and deployment by providing tools for authentication, backend services, and hosting.
- **API** (Application Programming Interface) – Allows different software systems to communicate.
- **Care Recipient** – Refers to the individual receiving care from one or more caregivers. Their health data, medications, and appointments are tracked through the system.
- **Caregiver** – Refers to a user who manages medication schedules, health records, and appointments for one or more care recipients.
- **CRUD Operations** – Represent Create, Read, Update, and Delete, the core data management actions performed on user, medication, and schedule information.
- **DynamoDB** – A fully managed NoSQL database service provided by AWS that stores caregiver, recipient, and medication data in a scalable and reliable way.
- **HIPAA** (Health Insurance Portability and Accountability Act) – A U.S. law that governs medical privacy and grants individuals rights over their health information.
- **Next.js** – React-based web application framework used to build the front-end interface of LevelUp Meds with server-side rendering for faster performance.
- **Node.js** – A JavaScript runtime environment used on the server side to handle API requests, manage business logic, and communicate with the database.

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- **The Cloud** – Refers to remote servers accessed over the Internet that host and process the LevelUp Meds application instead of relying on local storage or infrastructure.
- **2FA/MFA (Two-Factor or Multi-Factor Authentication)** – Security methods that require users to verify their identity through multiple forms of authentication, such as a password and email code.
- **UI (User Interface)** – The layout and visual elements of the application that users interact with, such as forms, buttons, and menus.
- **UX (User Experience)** – Focuses on how users interact with and perceive the application, ensuring that it is intuitive, efficient, and accessible.
- **Version Control (GitHub)** – A collaborative development platform that tracks code changes and enables multiple developers to work on the same project efficiently.