

GLOSSARY OF TERMS

Terminology	Description	Page first used
Agronomic	Relating to the science and technology of plant production for agricultural use.	1
AI	Artificial Intelligence, a technology that mimics human intelligence for tasks such as learning and decision-making.	3
Android	An operating system for mobile devices developed by Google.	5
ASR	Automatic speech recognition, a technology that automatically converts speech into text.	11
API	Application Programming Interface, a protocol that enables applications to interact and exchange data.	1
Black Box Testing	a Software testing method in which the internal working of the application is not known to the tester.	4
Chatbot	An AI-based program designed to communicate with users via text or voice.	3
Digital Literacy	The ability to use information and communication technologies effectively.	4
End-users	The end user of an application or software.	27
Framework	A framework that simplifies software development.	6
Front-End	The front-end refers to the user interface and visual elements of an application or website that users interact with directly.	6

Terminology	Description	Page first used
GPT-4o	Generative Pre-trained Transformer 4 optimized model by OpenAI for natural language understanding and generation.	3
IOS	Apple's operating system for iPhone and iPad.	5
OpenAI	An artificial intelligence research lab known for developing advanced AI models.	3
Prototyping	An iterative software development process involving continuous refinement based on feedback.	7
Speech recognition	Technology for recognizing and converting speech into text.	3
UI	User Interface, the visual elements of an application for user interaction.	8
UML	Unified Modeling Language, a graphical notation for designing software systems.	22
UX	User Experience, the overall experience of users when using an application.	8
View layer	The part of an application that displays data to users.	52
Whisper	OpenAI's API for automatic speech recognition, supporting multiple languages with high accuracy.	3