

WakeBuddy						
Members:	Guneet Behar, Margarita Rincon, Tien Pham, Varun Valiveti					
Task	Description	Member	Status	Start Date	End Date	Comments
Brainstorming	Come up with ideas for project	All	Completed	3/10	3/22	
Research	Research Android Studio functionalities needed for project that have not been covered in class	All	Completed	3/10	3/22/2025	
UI Sketch (Views)	Sketch UI	Tien Pham	Completed	3/10/2025	3/24/2025	
UI Sketch (Views)	Sketch Final UI Views	Margarita Rincon	Completed	3/15/20235	3/20/2025	
Research	Market Research	All	Completed	3/10	4/1/2025	
Initializing Github Repo	Created private repo, added teammates.	Varun Valiveti	Completed	3/23/2025	3/24/2025	
UI Prototyping	Created app prototype to visual app flow and navigation	Tien Pham	Completed	3/23/2025	3/24/2025	
UI Prototyping	Added drawable resources for UI (background images, icons, etc)	Margarita Rincon	Completed	3/24/2025	3/24/2025	
Github Branches	Pushed empty views project to repo, created branches for all intended features	Varun Valiveti	Completed	3/25/2025	3/26/2025	
UI screens	Created 3 fragments for app	Tien Pham	Completed	3/28/2025	4/16/2025	
Navigation	Linked fragments using navigation graph	Tien Pham	Completed	3/31/2025	4/17/2025	
Alarm Data model	Created data model class to represent an alarm	Tien Pham	Completed	4/1/2025	4/14/2025	
Alarm Scheduling Logic	Scheduling logic useing AlarmingManager	Guneet Behar	Completed	4/5/2025	4/20/2025	
Alarm Audio	Add functionality to play sound when alarm rings	Guneet Behar	Completed	4/5/2025	4/20/2025	
Add Alarms	Create and push new alarms to main fragment upon confirmation.	Varun Valiveti	Completed	4/18/2025	4/18/2025	
Choose ringtone	User can choose default or custom alarm sound	Guneet Behar	Completed	4/20/2025	4/28/2025	
Delete alarm	Option to delete an existing alarm	Guneet Behar	Completed	4/20/2025	4/20/2025	
Dark Mode	Option to use app in dark mode	Guneet Behar	Completed	4/20/2025	4/28/2025	
Alarm System	Implemented the alarm system using pending intents	Tien Pham	Completed	4/19/2025	4/20/2025	
Added persistent data	Alarms now persist even if app closes or device reboots	Tien Pham	Completed	4/21/2025	4/23/2025	
Enable/Disable Switch	The enable/disable switch now toggles the alarms	Tien Pham	Completed	4/23/2025	4/23/2025	
Alarm Count	Wakeup success counter shown in Main Fragment	Margarita Rincon	Completed	4/23/2025	4/23/2025	
Editing Alarms	Add functionality to edit existing alarm	Tien Pham	Completed	4/23/2025	4/23/2025	
Barcode Alarm	Created option to stop alarm given proper barcode.	Varun Valiveti	Completed	4/25/2025	4/26/2025	
Movement Alarm	Created option to stop alarm if phone is shaken for 10 seconds	Tien Pham	Completed	4/25/2025	4/26/2025	
Yelling Alarm	Created option to stop alarm if user yells for a short amount of time	Tien Pham	Completed	4/30/2025	5/1/2025	
Math Alarm	Implemented Math Alarm (Solve a simple math Question)	Margarita Rincon	Completed	4/28/2025	4/28/2025	
Barcode Options	Allowed user to select from three different barcodes, handled custom validation for it.	Varun Valiveti	Completed	5/1/2025	5/2/2025	
Calendar	Implement calendar button to show calendar with future alarms	Guneet Behar	Completed	05/01/2025	05/05/2025	
Dark Mode Improvements	Improve dark mode and ensure it is consistent throughout all fragments	Guneet Behar	Completed	05/04/2025	05/05/2025	
Language Support	Implemented Language Support (Spanish)	Margarita Rincon	Completed	05/06/2025	05/06/2025	
Custom Splash Screen	Implemented Splash Screen w App Logo and Background	Margarita Rincon	Completed	04/28/2025	04/28/2025	