Table B: Evaluation dataset specification and user tasks.

Application Name	Domain/User profile	GitHub URL	Stars	F-Droid/Google Play	User tasks
Medicine Time	Health (Any, Elderly focus)	https://github.com/CaptainVish/Medicine-Time-Android-App-Project	65	-	1. Launch the app and navigate through all its screens. 2. Tapping on an unresponsive button. 3. Add a new medication, including name, dosage, and alarm schedule for multiple days. 4. Open the statistics screen and navigate its menu and options. 5. Delete a medication by tapping and swiping. 6. Undo a deleted medication (restore).
Daily Dozen	Health & Fitness (Adult, health-conscious, moderately tech-savvy individual)	https://github.com/nutritionfactsorg/daily-dozen-android	281	F-Droid & Google Play	1. Launch the app and review the main UI appearance and category layout. 2. Add/Remove servings to multiple food categories. 3. Open the Info / Learn More sections for several food groups. 4. Explore Daily serving history (Day, Month, Year). 5. Switch to a different date (e.g., Fri, Nov 28). 6. Toggle between different tabs (e.g., "DAILY DOZEN" vs. "21 TWEAKS") 7. Scroll through the entire tweak list and verify that category headers (e.g., "At Each Meal", "Every Day") remain visible or reappear. 8. Explore Daily tweak history (Day, Month, Year). 9. Attempt to edit weight entries (morning/evening). 10. Explore weight history. 11. Explore the options menu. 12. Navigate to the menu options that open other apps/systems to check the integration efficiency.
To-Do List	Productivity / Utility (young adult , moderately tech-savvy)	https://github.com/Lucid-Lifo/To-Do-list-Mobile-App	-	-	1. Launch the app and inspect its UIs. 2. Add new tasks. 3. Edit an existing task. 4. Mark tasks as completed and uncompleted. 5. Delete a task. 6. Observe any pop-ups, permissions, or interruptions.
GroceryStore	A grocery-shopping (e-commerce) (Adult shopper — practical, moderately tech-savvy)	https://github.com/plutonicdev/GroceryStore	112	-	1. Sign up by creating an account. 2. Log in to the app. 3. Launch the app and explore its UIs. 4. Open several product details screens 5. Add items to the cart and proceed to check out. 6. Remove items from the cart. 7. Navigate to the profile screen and explore all available sections. 8. Explore the advertisement banners by clicking on them. 9. Share a product.

10. Log out of the app.
11. Observe any pop-ups, permissions, or interruptions.

Name	Description	Repository	Stars	Store	Instructions
(CometChat) Android Java Chat App	Chat / Messaging (Social Communication) app (moderately tech-savvy)	https://github.com/dwarshb/android-java-chat-app.git	-	Google Play	1. Launch the app and explore its UIs. 2. Start a one-on-one chat, send multiple text messages, and use all available chat features. 3. Create a new group chat and add several members. 4. Open a group chat, send multiple text messages, and use all available features. 5. Change the group name/description/type. 6. Assign a group moderator. 7. Assign a group administrator. 8. Block a user. 9. Explore profile/settings screens. 10. Initiate an audio call to a user. 11.Initiate a video call to a group. 12. Review any pop-ups, permission dialogs (camera, mic, storage).
2048-android	gaming (Casual gamer, nostalgic player, enjoys simple challenges)	https://github.com/uberspot/2048-android.git	1100	F-Droid & Google Play	1. Launch the app and explore its UIs. 2. Start playing a game. 3. Start a new game. 4. Observe any pop-ups or dialogs shown during gameplay (e.g., Game Over screen).
WeatherApp-Android	A weather-forecasting (utility) app (Everyday smartphone user — moderately tech-savvy)	https://github.com/dev-aniketj/WeatherApp-Android.git	151	-	1. Launch the app and explore its UIs. 2. Search for the weather in another city by typing its name. 3. Search for the weather in another city by recording its name using the mic. 4. Inspect UI elements such as temperature, iconography, and descriptive text. 5. Observe any pop-ups, permissions, or interruptions.
Health Care Locator Android App	A health-and-navigation (Utility / Location) app (Individuals seeking nearby medical services in an urgent situation — general audience, moderately tech-savvy	https://github.com/0xTEJIRI/HealthCare-Locator-Android-App.git	5	-	1. Launch the app and explore its UIs. 2. Apply different filters (specialty, distance, rating). 3. Tap on individual hospital/doctor markers to open the detailed information screen. 4. Inspect details such as ratings, website, images, and contact options. 5. Use the search bar to look for hospitals, doctors, or dentists. 6. Open the Privacy Policy menu option. 7. Review any pop-ups, permission dialogs (camera, mic, storage).

Tic Tac Toe	gaming (all ages, low to moderately tech-savvy)	https://github.com/aadmaquino/TicTacToe.git	-	Google play	1. Launch the app and explore its UIs. 2. Select One Player mode and choose a difficulty level (Easy, Medium, Hard) and play a full game. 3. Select Two Players mode and play a full game. 4. Restart a game. 5. Observe any pop-ups, permissions, or interruptions.
Verifit	Health & Fitness / Utility (Adult fitness-enthusiast, moderately tech-savvy)	https://github.com/MakisChristou/verifit	77	Google play	1. Launch the app, explore the create account option, and create an account. 2. Log in to the app and explore its UIs. 3. Create a new exercise and enter all required details. 4. Search for the created account and start a workout session. 5. Edit an existing exercise and update its information. 6. Delete an exercise. 7. Navigate to the chart UI. 8. Navigate to the settings and explore the available options. 9. Observe any pop-ups, permissions, or interruptions.