



IT-314 : Software Engineering

Battery Testing

Group : 12

CHAT APPLICATION

Objectives

To verify the functionality, reliability, and performance of batteries under various conditions.

1. Test Case 1 (TC_BAT_001)

- **Condition:** 50% brightness, Wi-Fi on
- **Device:** 4,035mAh battery
- **Test Duration:** 1 hour
- **Result:**
 - Battery consumption: 13%
 - Power consumption: 296mAh per hour
- Video Link: <https://youtu.be/uCI0eWagA-g>

2. Test Case 2 (TC_BAT_002)

- **Condition:** 50% brightness, Wi-Fi on
- **Device:** 4,035mAh battery
- **Test Duration:** 1 hour
- **Result:**
 - Battery consumption: 12%
 - Power consumption: 283mAh per hour
- Video Link: <https://youtu.be/uCI0eWagA-g>