

Feature Example: Dark Mode Toggle

Problem Understanding

Problem

Users experience eye strain when using the app at night. Hence, they want to apply the Dark Mode theme.

Pain Points

- Bright screen in low light
- Battery drain (especially OLED screens)
- No personalization options

Goal (Value)

- Improve user comfort
- Increase session time at night
- Improve user satisfaction

Value = Better usability + personalization

Proposed Solution

Add a **Dark Mode Toggle** in Settings.

Options:

- Light Mode
- Dark Mode

Simple. User-controlled.

Why This Solution?

- Low development effort
- High user satisfaction

User Flow

1. User opens Settings
2. Taps "Theme"
3. Selects Dark Mode
4. Click on Ok button
5. UI changes instantly

Optional:

Auto-switch based on device setting.

Negative Scenario: If Application will restart /Crash then it will be come to restore Default mode means light Mode and User wants to change it to Dark mode then he has to manually change it .

Success Metrics

Primary:

- % of users enabling dark mode
- Increase in night-time session duration

Secondary:

- App rating improvement
- Reduced complaints about brightness

Risks & Mitigation

Risk	Mitigation
UI inconsistency	Proper design testing
Hard-to-read text	Accessibility testing
Performance issues	Optimized theme rendering

Mini PRD

Feature Name:

Dark Mode Toggle

Objective:

Improve user comfort and personalization.

Functional Requirements:

- User can switch between Light, Dark.
- App theme updates immediately.
- Preference persists across sessions.

Non-Functional:

- No performance degradation.
- Accessible contrast ratios.

