



FACULTY OF COMPUTING

IT2010 – Mobile Application Development

BSc (Hons) in Information Technology

2<sup>nd</sup> Year

Faculty of Computing

SLIIT

## 2025 – Lab Exam 03

### Report

Student ID	IT23653740
Batch	Y2.S2.WD.IT.06.01
<b>Marking Guide</b>	
1. <b>Functionality:</b> How well the core and bonus features are implemented	<b>3</b>
2. <b>Creativity &amp; User Interface Design:</b> Clean and intuitive UI/UX design	<b>2</b>
3. <b>Code-Quality &amp; Organization:</b> Code is well-organized & documented	<b>2</b>
4. <b>Advanced Features &amp; Data Persistence:</b> Usage of SharedPref's with one of the advanced features	<b>3</b>
<b>Total Marks</b>	<b>10</b>
Evaluator	

**Description:**

HabitGo is an Android wellness app designed in Android Studio using the language Kotlin that assists people in increasing their daily routines for healthcare and wellness. The app offers the user the chance to track their habits, record moods, and obtain hydration reminders, all while encouraging frequent awareness and self-care.

The Daily Habit Tracker adds, edits, and removes daily wellness practices, like hydration, exercise, or mindfulness practice. There is a completion progress tracking for all wellness practices, allowing the user to see their daily accomplishments. The information is saved with SharedPreferences, thereby keeping the user's practices and the related progress there even when the app is closed.

The Mood Journal feature allows people to record their emotions by using an emoji choice interface, along with the respective date and time. Users can retrieve their previous mood entries in a simple list or calendar format. In addition, the app includes a Mood Trend Chart, designed using MPAndroidChart, which shows trends in moods over the span of seven days, thus helping people understand emotional patterns and maintain emotional stability.

The Hydration Reminder app employs Android's AlarmManager or WorkManager to alert people at their own intervals, so they can stay hydrated at regular times of the day. Users can set these alerts as per their lifestyle and liking.

HabitGo applies central Android development concepts, such as Activities, Fragments, Intents, and how to store information. The app's design itself has a clean, minimalist, and intuitive interface, providing responsive compatibility in differing display sizes and orientations.

Through the combination of interactivity, functionality, and creativity, HabitGo provides people with an expert digital companion for the development of healthy behaviors. This project models an in-depth understanding of the tenets of mobile app development while progressing individual wellness through technological innovation.

OneDrive Link:

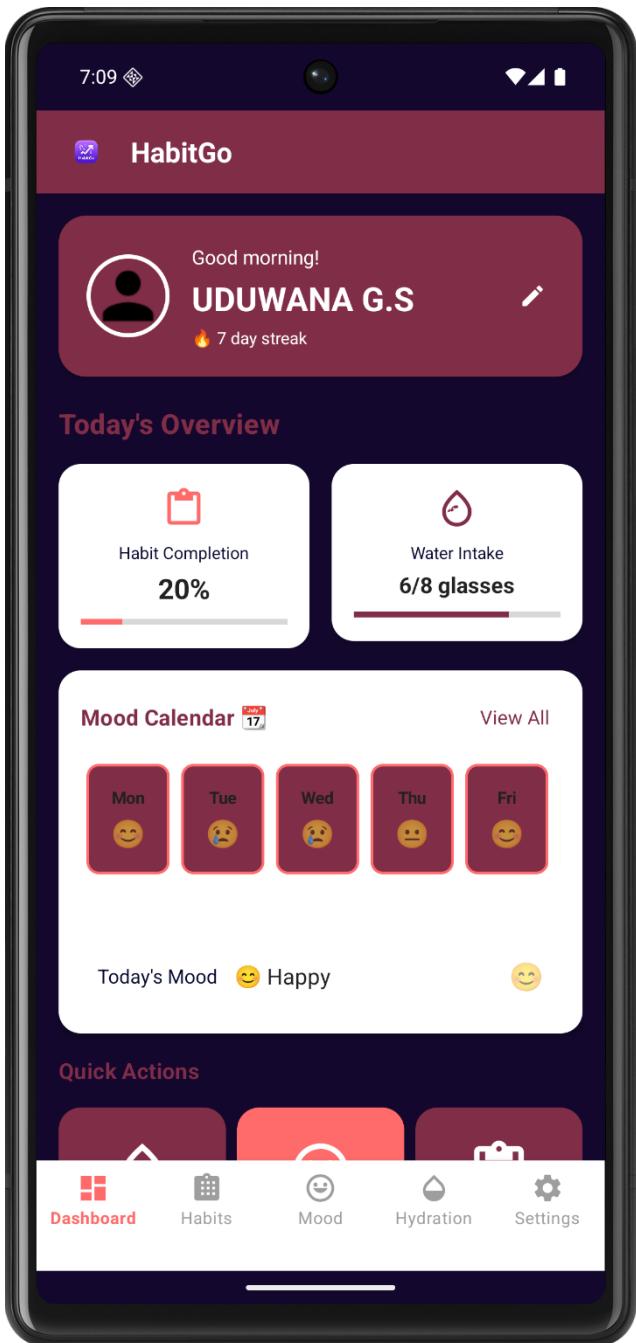
[DailyBloom](#)

**Screenshots:**

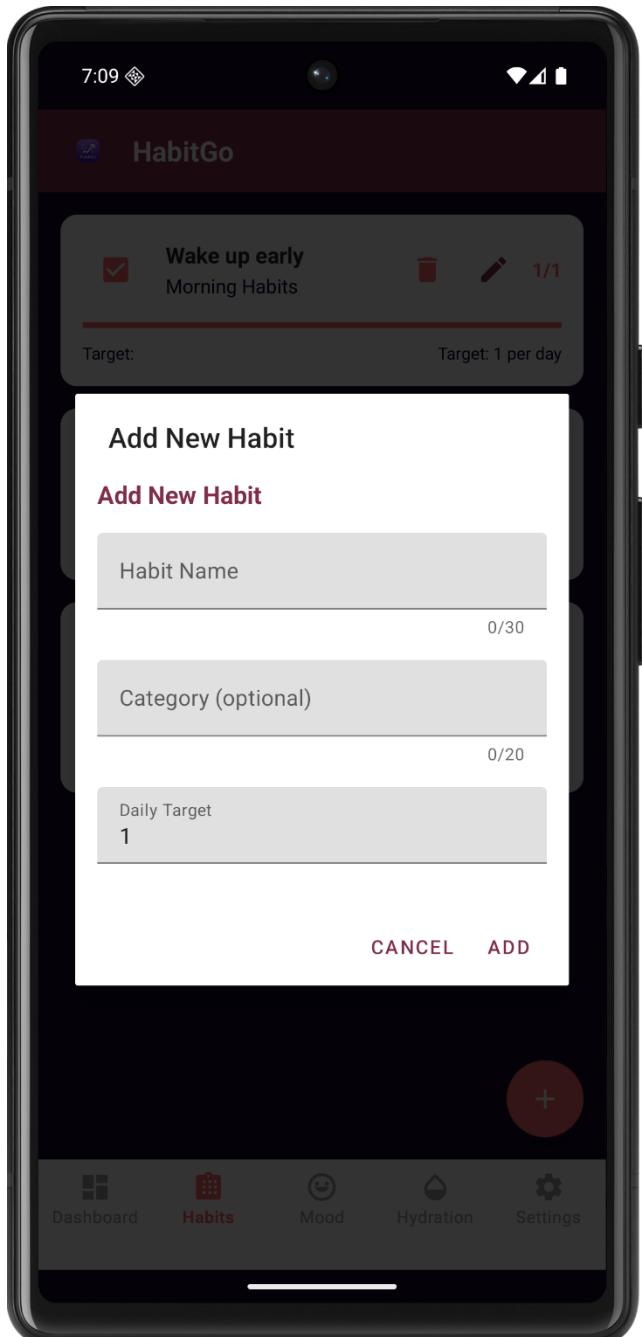
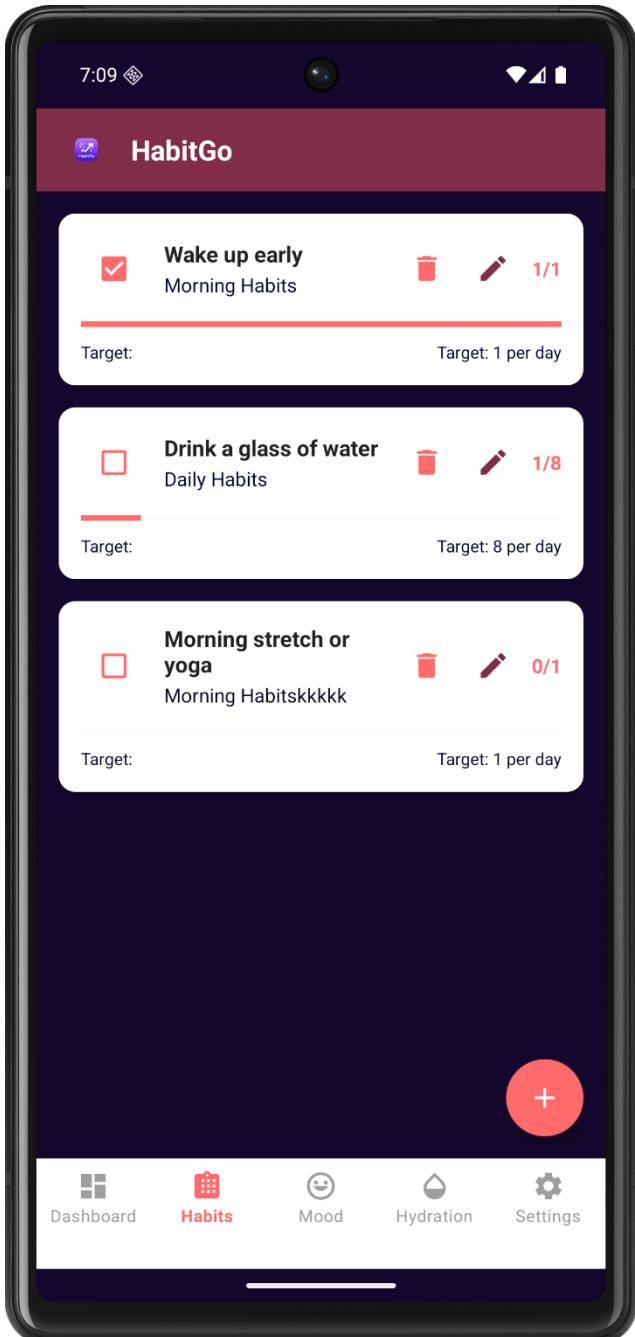
[Splash Screen](#)

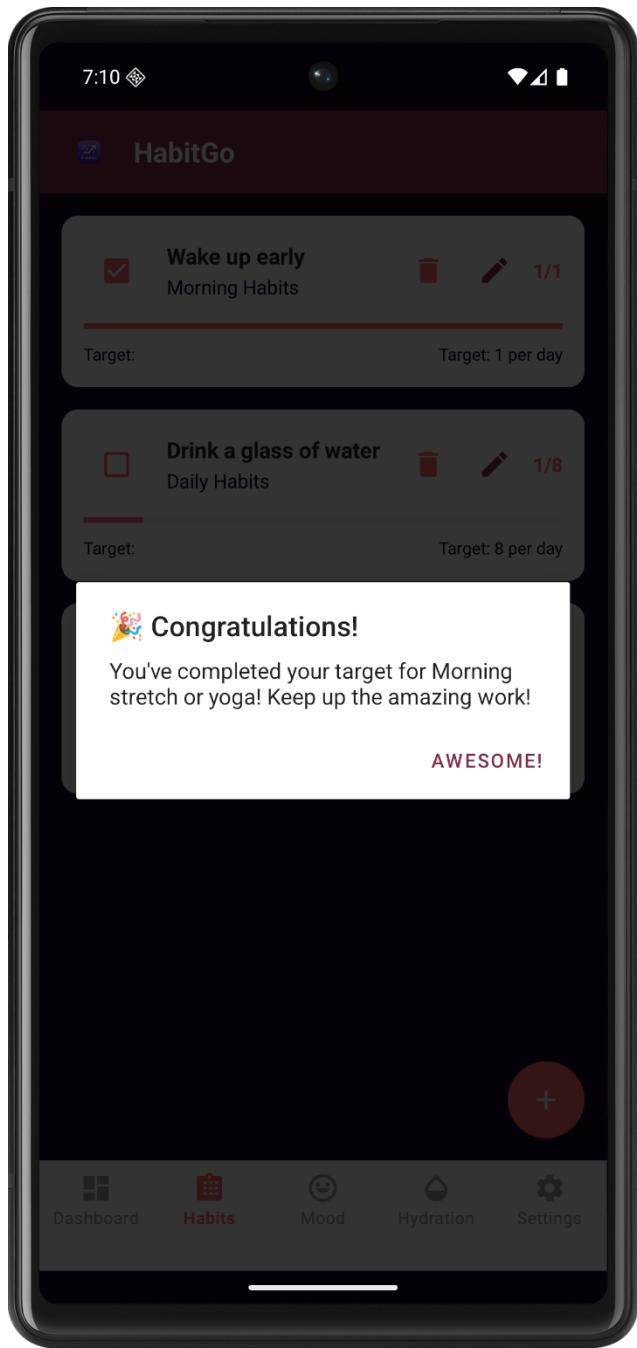


## Home

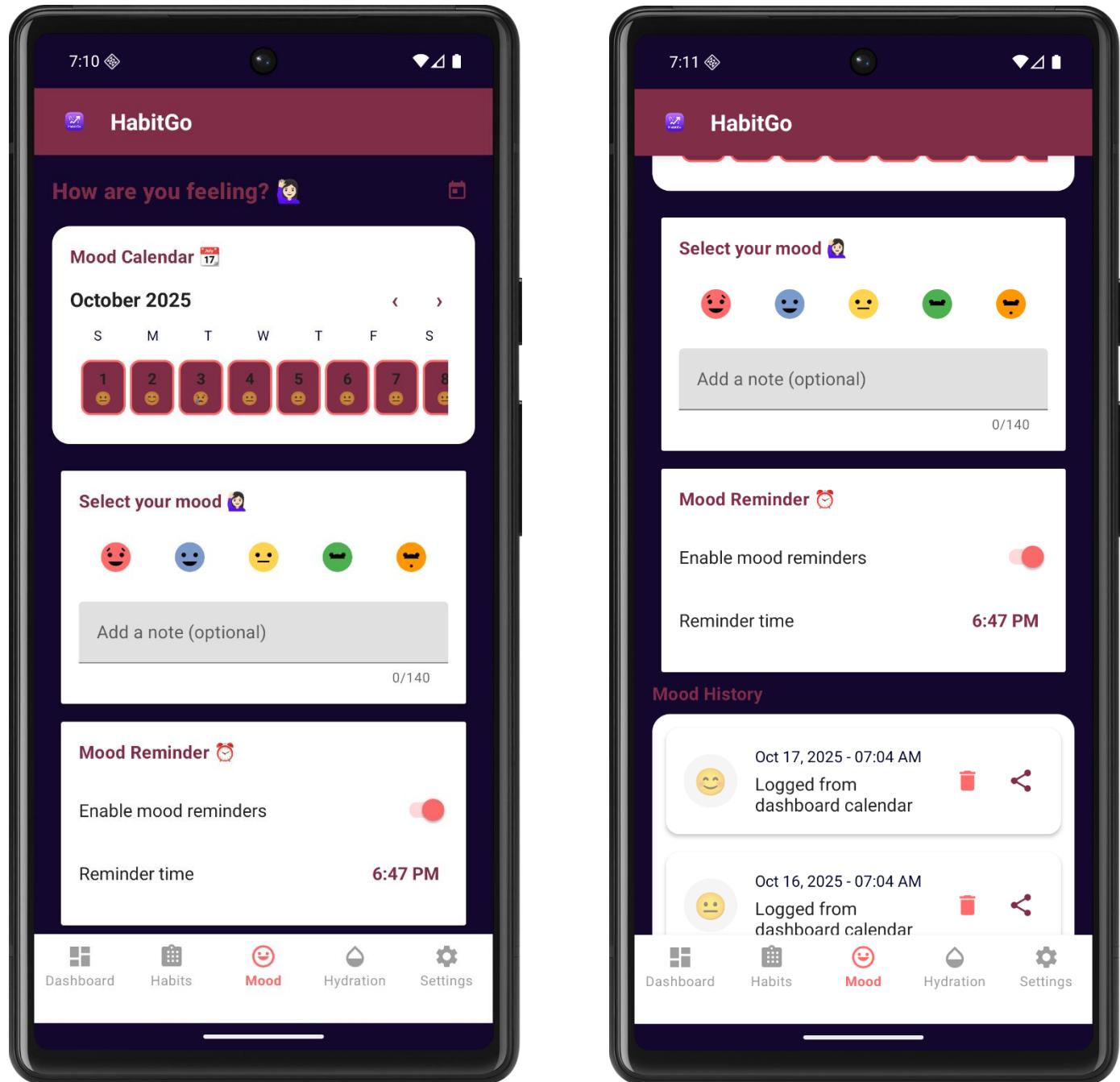


## Habits (Add/ Edit/ Delete)

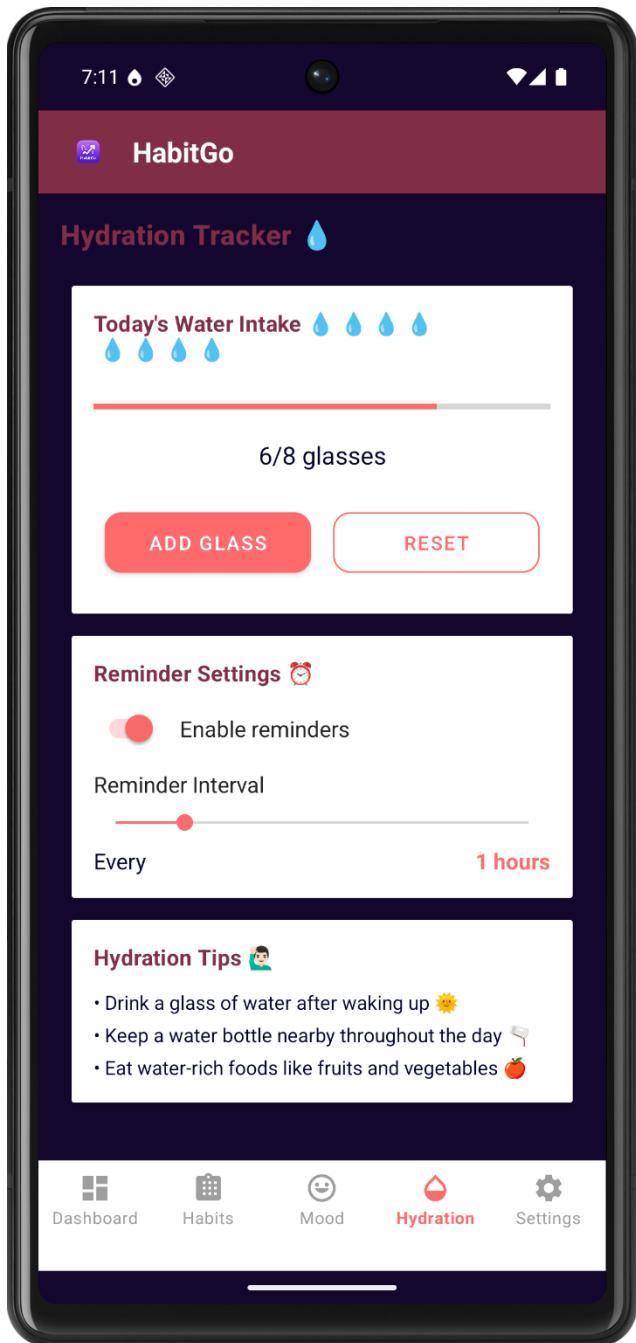




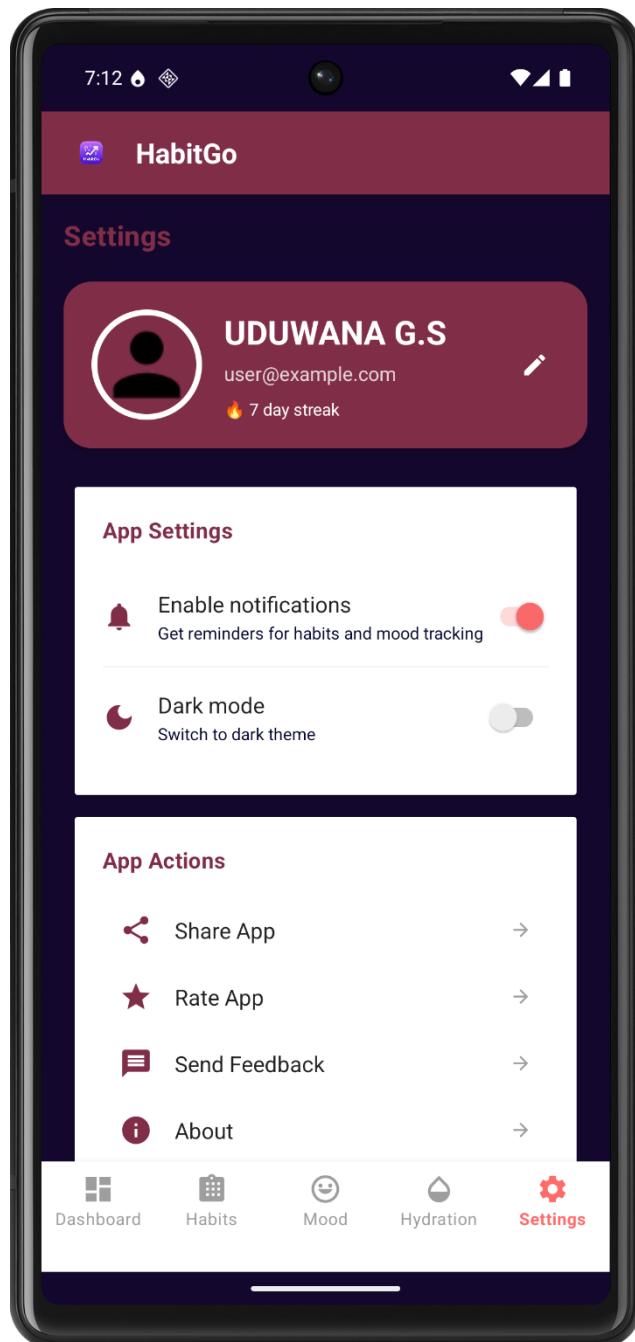
## Mood (Add/ Delete)



## Hydration Reminder/Settings/Notifications



## Profile



## **Content of xml files of Strings and Colors:**

## Strings

The screenshot shows the Android Studio interface with the Project tab selected. The left sidebar displays the project structure under the 'res' folder, including resources for mipmap-xhdpi, mipmap-xxhdpi, raw, values, and values-night. The 'strings.xml' file is currently selected and open in the main editor area. The code in the editor is as follows:

```
<resources>
    <string name="app_name">HabitGo</string>
    <!-- Dashboard -->
    <string name="todays_overview">Today's Overview</string>
    <string name="habit_completion">Habit Completion</string>
    <string name="water_intake">Water Intake</string>
    <string name="todays_mood">Today's Mood</string>
    <string name="feeling_good_today">Feeling good today!</string>
    <string name="quick_actions">Quick Actions</string>
    <string name="add_water">Add Water</string>
    <string name="log_mood">Log Mood</string>
    <string name="add_habit">Add Habit</string>

    <!-- Habits -->
    <string name="habits">Habits</string>
    <string name="no_habits">No habits</string>
    <string name="no_habits_yet">No habits yet</string>
    <string name="add_first_habit">Tap the + button to add your first habit</string>

    <!-- Mood -->
    <string name="mood">Mood</string>
    <string name="how_are_you_feeling">How are you feeling? ☺</string>
    <string name="select_mood">Select your mood ☺</string>
    <string name="angry">Angry</string>
    <string name="sad">Sad</string>
```

The screenshot shows the Android Studio interface with the Project tab selected. In the center, the strings.xml file is open in the editor. The code contains various string resources related to hydration and app settings. The editor has a dark theme and includes tabs for other XML files like fragment\_habits.xml and HabitsFragment.kt.xml.

```
<resources>
    <!-- Hydration -->
    <string name="hydration">Hydration</string>
    <string name="hydration_tracker">Hydration Tracker 💧</string>
    <string name="todays_water_intake">Today's Water Intake 💧 💧 💧 💧 💧 💧 💧 💧</string>
    <string name="add_glass">Add Glass</string>
    <string name="reset">Reset</string>
    <string name="reminder_settings">Reminder Settings 📅</string>
    <string name="enable_reminders">Enable reminders</string>
    <string name="reminder_interval">Reminder Interval</string>
    <string name="every">Every</string>
    <string name="hydration_tips">Hydration Tips 🌱</string>
    <string name="hydration_tip1"> Drink a glass of water after waking up 💧</string>
    <string name="hydration_tip2"> Keep a water bottle nearby throughout the day 💧</string>
    <string name="hydration_tip3"> Eat water-rich foods like fruits and vegetables 🥕</string>

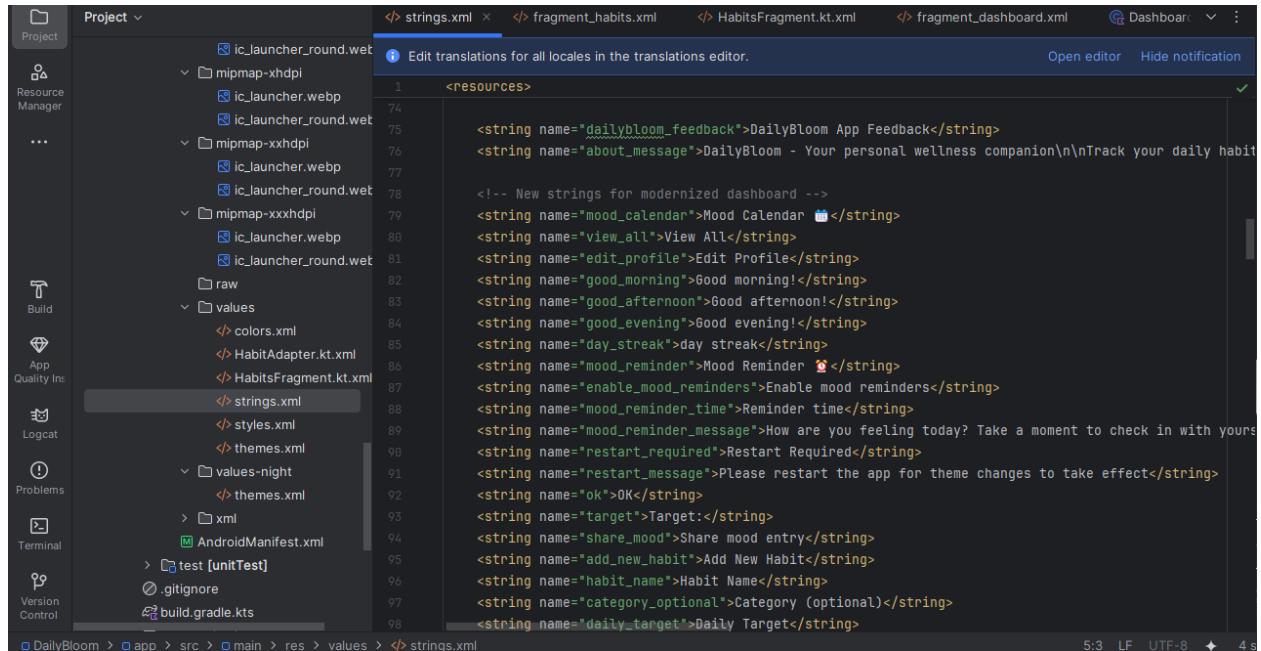
    <!-- Settings -->
    <string name="settings">Settings</string>
    <string name="app_settings">App Settings</string>
    <string name="enable_notifications">Enable notifications</string>
    <string name="dark_mode">Dark mode</string>
    <string name="app_actions">App Actions</string>
    <string name="share_app">Share App</string>
    <string name="rate_app">Rate App</string>
    <string name="send_feedback">Send Feedback</string>
```

This screenshot shows the same Android Studio environment, but the strings.xml file now includes additional strings for dashboard navigation and new functionality. The new strings include "check\_out\_dailybloom", "share\_app\_text", "share\_via", "rate\_app\_message", and "rate\_now". The editor interface remains consistent with the first screenshot.

```
<resources>
    <!-- Settings -->
    <string name="settings">Settings</string>
    <string name="app_settings">App Settings</string>
    <string name="enable_notifications">Enable notifications</string>
    <string name="dark_mode">Dark mode</string>
    <string name="app_actions">App Actions</string>
    <string name="share_app">Share App</string>
    <string name="rate_app">Rate App</string>
    <string name="send_feedback">Send Feedback</string>
    <string name="about">About</string>
    <string name="app_info">App Info</string>
    <string name="version">Version</string>
    <string name="build_date">Build Date</string>

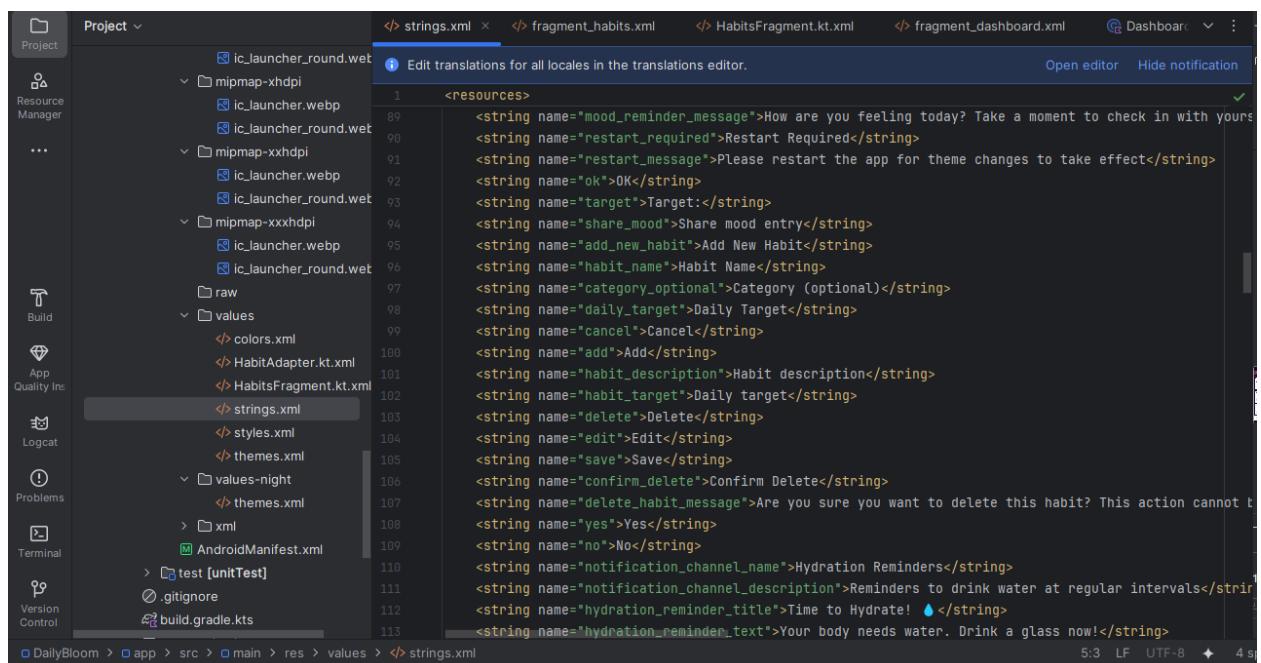
    <!-- Dashboard Navigation -->
    <string name="dashboard">Dashboard</string>

    <!-- New strings for additional functionality -->
    <string name="check_out_dailybloom">Check out DailyBloom Wellness App</string>
    <string name="share_app_text">I've been using DailyBloom to track my daily wellness habits. It helps me stay hydrated and healthy!</string>
    <string name="share_via">Share via</string>
    <string name="rate_app_message">If you enjoy using DailyBloom, please take a moment to rate it. Your feedback helps us improve!</string>
    <string name="rate_now">Rate Now</string>
```



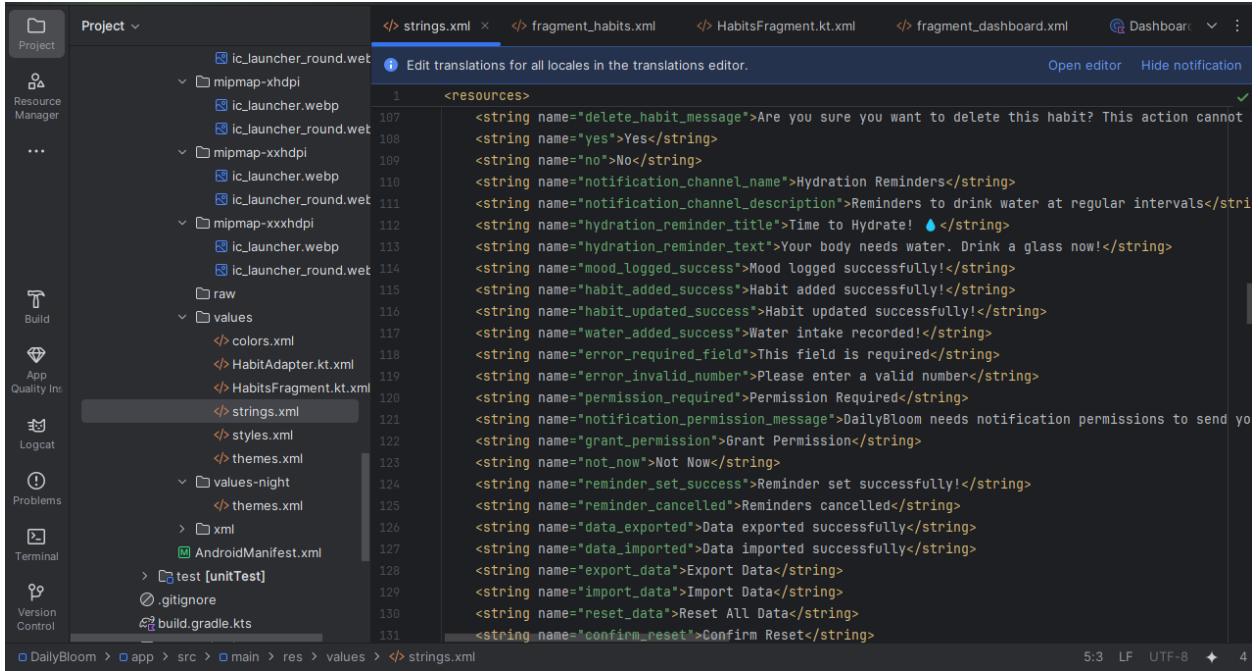
The screenshot shows the Android Studio project structure for the 'DailyBloom' application. The 'strings.xml' file is open in the editor, displaying a list of resource strings. The code is as follows:

```
<resources>
    <string name="daily_bloom_feedback">DailyBloom App Feedback</string>
    <string name="about_message">DailyBloom - Your personal wellness companion\n\nTrack your daily habit streaks and mood calendar</string>
    <!-- New strings for modernized dashboard -->
    <string name="mood_calendar">Mood Calendar 📅 </string>
    <string name="view_all">View All</string>
    <string name="edit_profile">Edit Profile</string>
    <string name="good_morning">Good morning!</string>
    <string name="good_afternoon">Good afternoon!</string>
    <string name="good_evening">Good evening!</string>
    <string name="day_streak">Day streak</string>
    <string name="mood_reminder">Mood Reminder 🌟 </string>
    <string name="enable_mood_reminders">Enable mood reminders</string>
    <string name="mood_reminder_time">Reminder time</string>
    <string name="mood_reminder_message">How are you feeling today? Take a moment to check in with yourself</string>
    <string name="restart_required">Restart Required</string>
    <string name="restart_message">Please restart the app for theme changes to take effect</string>
    <string name="ok">OK</string>
    <string name="target">Target:</string>
    <string name="share_mood">Share mood entry</string>
    <string name="add_new_habit">Add New Habit</string>
    <string name="habit_name">Habit Name</string>
    <string name="category_optional">Category (optional)</string>
    <string name="daily_target">Daily Target</string>
```



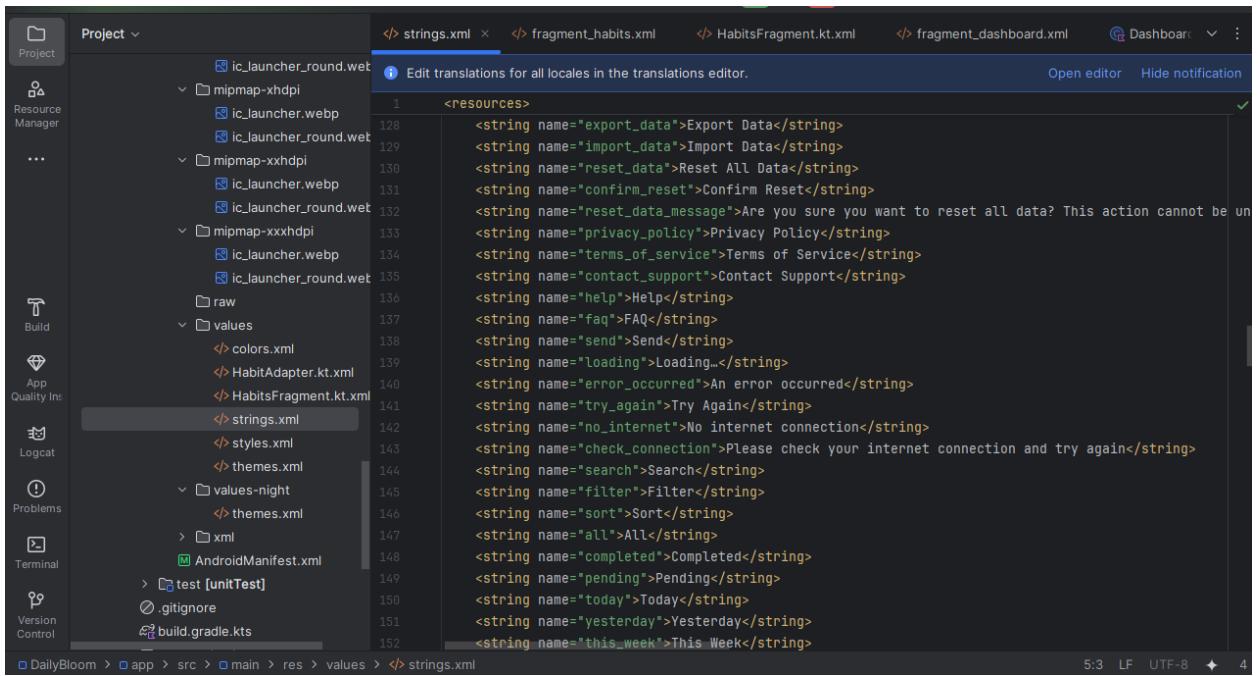
The screenshot shows the Android Studio project structure for the 'DailyBloom' application. The 'strings.xml' file is open in the editor, displaying a list of resource strings. The code is as follows:

```
<resources>
    <string name="mood_reminder_message">How are you feeling today? Take a moment to check in with yourself</string>
    <string name="restart_required">Restart Required</string>
    <string name="restart_message">Please restart the app for theme changes to take effect</string>
    <string name="ok">OK</string>
    <string name="target">Target:</string>
    <string name="share_mood">Share mood entry</string>
    <string name="add_new_habit">Add New Habit</string>
    <string name="habit_name">Habit Name</string>
    <string name="category_optional">Category (optional)</string>
    <string name="daily_target">Daily Target</string>
    <string name="cancel">Cancel</string>
    <string name="add">Add</string>
    <string name="habit_description">Habit description</string>
    <string name="habit_target">Daily target</string>
    <string name="delete">Delete</string>
    <string name="edit">Edit</string>
    <string name="save">Save</string>
    <string name="confirm_delete">Confirm Delete</string>
    <string name="delete_habit_message">Are you sure you want to delete this habit? This action cannot be undone.</string>
    <string name="yes">Yes</string>
    <string name="no">No</string>
    <string name="notification_channel_name">Hydration Reminders</string>
    <string name="notification_channel_description">Reminders to drink water at regular intervals</string>
    <string name="hydration_reminder_title">Time to Hydrate! 💧 </string>
    <string name="hydration_reminder_text">Your body needs water. Drink a glass now!</string>
```



The screenshot shows the Android Studio interface with the Project tool window on the left and the code editor on the right. The code editor displays the `strings.xml` file under the `values` directory. The file contains various string resources related to habit management and hydration reminders.

```
<resources>
    <string name="delete_habit_message">Are you sure you want to delete this habit? This action cannot be undone.</string>
    <string name="yes">Yes</string>
    <string name="no">No</string>
    <string name="notification_channel_name">Hydration Reminders</string>
    <string name="notification_channel_description">Reminders to drink water at regular intervals</string>
    <string name="hydration_reminder_title">Time to Hydrate! 💧</string>
    <string name="hydration_reminder_text">Your body needs water. Drink a glass now!</string>
    <string name="mood_logged_success">Mood logged successfully!</string>
    <string name="habit_added_success">Habit added successfully!</string>
    <string name="habit_updated_success">Habit updated successfully!</string>
    <string name="water_added_success">Water intake recorded!</string>
    <string name="error_required_field">This field is required</string>
    <string name="error_invalid_number">Please enter a valid number</string>
    <string name="permission_required">Permission Required</string>
    <string name="notification_permission_message">DailyBloom needs notification permissions to send you reminders</string>
    <string name="grant_permission">Grant Permission</string>
    <string name="not_now">Not Now</string>
    <string name="reminder_set_success">Reminder set successfully!</string>
    <string name="reminder_cancelled">Reminders cancelled</string>
    <string name="data_exported">Data exported successfully</string>
    <string name="data_imported">Data imported successfully</string>
    <string name="export_data">Export Data</string>
    <string name="import_data">Import Data</string>
    <string name="reset_data">Reset All Data</string>
    <string name="confirm_reset">Confirm Reset</string>
```



The screenshot shows the Android Studio interface with the Project tool window on the left and the code editor on the right. The code editor displays the `strings.xml` file under the `values` directory. The file contains various string resources related to data management and user support.

```
<resources>
    <string name="export_data">Export Data</string>
    <string name="import_data">Import Data</string>
    <string name="reset_data">Reset All Data</string>
    <string name="confirm_reset">Confirm Reset</string>
    <string name="reset_data_message">Are you sure you want to reset all data? This action cannot be undone.</string>
    <string name="privacy_policy">Privacy Policy</string>
    <string name="terms_of_service">Terms of Service</string>
    <string name="contact_support">Contact Support</string>
    <string name="help">Help</string>
    <string name="faq">FAQ</string>
    <string name="send">Send</string>
    <string name="loading">Loading...</string>
    <string name="error_occurred">An error occurred</string>
    <string name="try_again">Try Again</string>
    <string name="no_internet">No internet connection</string>
    <string name="check_connection">Please check your internet connection and try again</string>
    <string name="search">Search</string>
    <string name="filter">Filter</string>
    <string name="sort">Sort</string>
    <string name="all">All</string>
    <string name="completed">Completed</string>
    <string name="pending">Pending</string>
    <string name="today">Today</string>
    <string name="yesterday">Yesterday</string>
    <string name="this_week">This Week</string>
```

The screenshot shows the Android Studio interface with the Project tool window on the left and the Editor tool window on the right. The Editor window displays the contents of the `strings.xml` file under the `values` directory. The code is as follows:

```
<resources>
    <string name="this_week">This Week</string>
    <string name="this_month">This Month</string>
    <string name="custom">Custom</string>
    <string name="start_date">Start Date</string>
    <string name="end_date">End Date</string>
    <string name="select_date">Select Date</string>
    <string name="select_time">Select Time</string>
    <string name="apply">Apply</string>
    <string name="clear">Clear</string>
    <string name="stats">Statistics</string>
    <string name="achievements">Achievements</string>
    <string name="streak">Streak</string>
    <string name="days">days</string>
    <string name="current_streak">Current Streak</string>
    <string name="longest_streak">Longest Streak</string>
    <string name="total_habits">Total Habits</string>
    <string name="completed_habits">Completed Habits</string>
    <string name="completion_rate">Completion Rate</string>
    <string name="mood_analytics">Mood Analytics</string>
    <string name="average_mood">Average Mood</string>
    <string name="mood_trend">Mood Trend</string>
    <string name="water_analytics">Water Analytics</string>
    <string name="average_water">Average Water Intake</string>
    <string name="goal_achievement">Goal Achievement</string>
    <string name="daily_goal">Daily Goal</string>
```

The screenshot shows the Android Studio interface with the Project tool window on the left and the Editor tool window on the right. The Editor window displays the contents of the `strings.xml` file under the `values` directory. The code has been updated to reflect the changes in the question:

```
<resources>
    <string name="water_analytics">Water Analytics</string>
    <string name="average_water">Average Water Intake</string>
    <string name="goal_achievement">Goal Achievement</string>
    <string name="daily_goal">Daily Goal</string>
    <string name="weekly_goal">Weekly Goal</string>
    <string name="monthly_goal">Monthly Goal</string>
    <string name="goal">Goal</string>
    <string name="progress">Progress</string>
    <string name="remaining">Remaining</string>
    <string name="celebrate">Celebrate!</string>
    <string name="goal_achieved_message">Congratulations! You achieved your goal! 🎉</string>
    <string name="keep_going">Keep going!</string>
    <string name="almost_there">Almost there!</string>
    <string name="motivational_quote">"The journey of a thousand miles begins with a single step."</string>
    <string name="tip_of_the_day">Tip of the Day</string>
    <string name="daily_tip">Staying hydrated helps improve concentration and cognitive function</string>
    <string name="reminder">Reminder</string>
    <string name="snooze">Snooze</string>
    <string name="dismiss">Dismiss</string>
    <string name="snooze_10_min">Snooze for 10 minutes</string>
    <string name="snooze_30_min">Snooze for 30 minutes</string>
    <string name="snooze_1_hour">Snooze for 1 hour</string>
    <string name="custom_snooze">Custom snooze</string>
    <string name="backup">Backup</string>
    <string name="restore">Restore</string>
```

The screenshot shows the Android Studio interface with the Project tab selected. In the center, the `strings.xml` file is open in the editor. The code contains various string resources, many of which are identical to the first screenshot. The editor has a dark theme and includes a status bar at the bottom with "5:3 LF UTF-8" and a line number indicator "4".

```
<resources>
    <string name="snooze_1_hour">Snooze for 1 hour</string>
    <string name="custom_snooze">Custom snooze</string>
    <string name="backup">Backup</string>
    <string name="restore">Restore</string>
    <string name="auto_backup">Auto Backup</string>
    <string name="backup_frequency">Backup Frequency</string>
    <string name="daily">Daily</string>
    <string name="weekly">Weekly</string>
    <string name="monthly">Monthly</string>
    <string name="last_backup">Last Backup</string>
    <string name="never">Never</string>
    <string name="backup_to_cloud">Backup to Cloud</string>
    <string name="backup_to_device">Backup to Device</string>
    <string name="cloud_storage">Cloud Storage</string>
    <string name="google_drive">Google Drive</string>
    <string name="dropbox">Dropbox</string>
    <string name="one_drive">OneDrive</string>
    <string name="sign_in">Sign In</string>
    <string name="sign_out">Sign Out</string>
    <string name="account">Account</string>
    <string name="profile">Profile</string>
    <string name="personal_info">Personal Information</string>
    <string name="name">Name</string>
    <string name="email">Email</string>
    <string name="age">Age</string>
```

This screenshot is nearly identical to the one above, showing the same `strings.xml` file in the editor. The only difference is in the code content, where several strings have been removed or modified. For example, the strings for backup frequency and account/profile/profile have been removed.

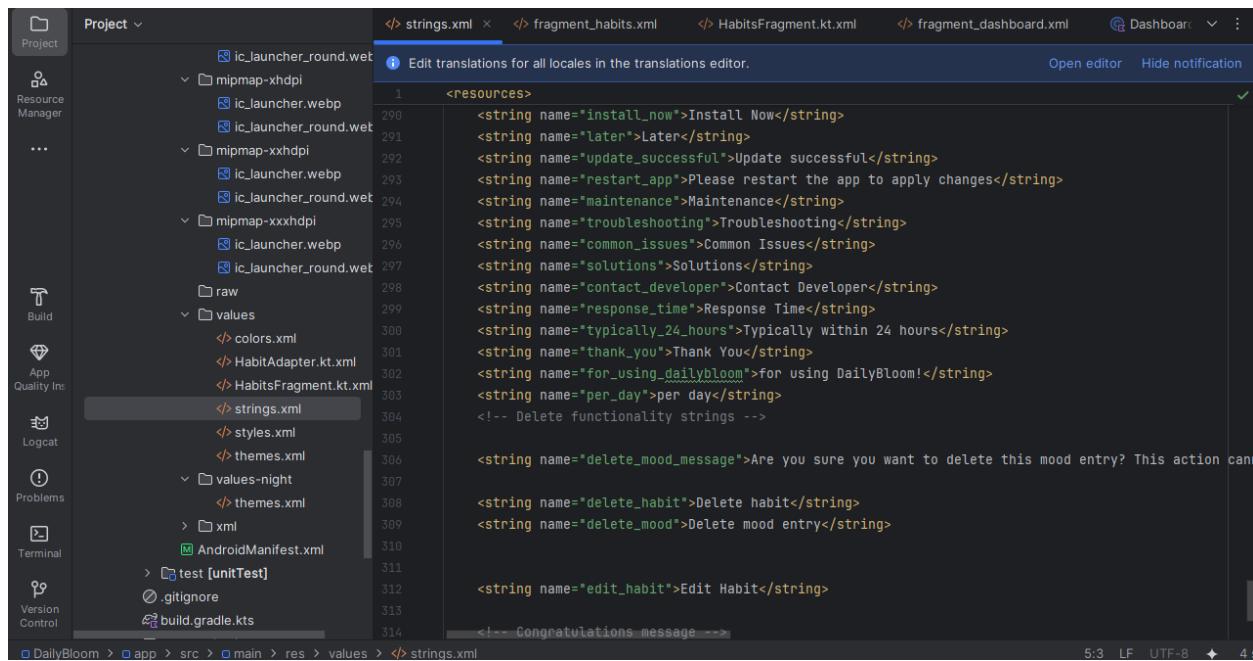
```
<resources>
    <string name="age">Age</string>
    <string name="gender">Gender</string>
    <string name="male">Male</string>
    <string name="female">Female</string>
    <string name="other">Other</string>
    <string name="prefer_not_to_say">Prefer not to say</string>
    <string name="height">Height</string>
    <string name="weight">Weight</string>
    <string name="fitness_goals">Fitness Goals</string>
    <string name="health_conditions">Health Conditions</string>
    <string name="medications">Medications</string>
    <string name="emergency_contact">Emergency Contact</string>
    <string name="theme">Theme</string>
    <string name="light">Light</string>
    <string name="dark">Dark</string>
    <string name="system_default">System Default</string>
    <string name="language">Language</string>
    <string name="english">English</string>
    <string name="spanish">Spanish</string>
    <string name="french">French</string>
    <string name="german">German</string>
    <string name="japanese">Japanese</string>
    <string name="chinese">Chinese</string>
    <string name="hindi">Hindi</string>
    <string name="arabic">Arabic</string>
```

The screenshot shows the Android Studio interface with the Project tab selected. In the center, the strings.xml file is open in the editor. The code is as follows:

```
<resources>
    <string name="arabic">Arabic</string>
    <string name="russian">Russian</string>
    <string name="portuguese">Portuguese</string>
    <string name="notifications">Notifications</string>
    <string name="sound">Sound</string>
    <string name="vibration">Vibration</string>
    <string name="led_light">LED Light</string>
    <string name="privacy">Privacy</string>
    <string name="security">Security</string>
    <string name="biometric_auth">Biometric Authentication</string>
    <string name="face_id">Face ID</string>
    <string name="touch_id">Touch ID</string>
    <string name="pin_code">PIN Code</string>
    <string name="pattern_lock">Pattern Lock</string>
    <string name="data_usage">Data Usage</string>
    <string name="storage">Storage</string>
    <string name="cache">Cache</string>
    <string name="clear_cache">Clear Cache</string>
    <string name="cache_cleared">Cache cleared successfully</string>
    <string name="about_dailybloom">About DailyBloom</string>
    <string name="version_info">Version Information</string>
    <string name="build_number">Build Number</string>
    <string name="license">License</string>
    <string name="third_party_licenses">Third Party Licenses</string>
    <string name="credits">Credits</string>
```

The screenshot shows the Android Studio interface with the Project tab selected. In the center, the strings.xml file is open in the editor. The code is as follows:

```
<resources>
    <string name="credits">Credits</string>
    <string name="development_team">Development Team</string>
    <string name="special_thanks">Special Thanks</string>
    <string name="rate_this_app">Rate this app</string>
    <string name="write_review">Write a Review</string>
    <string name="follow_us">Follow Us</string>
    <string name="twitter">Twitter</string>
    <string name="facebook">Facebook</string>
    <string name="instagram">Instagram</string>
    <string name="website">Website</string>
    <string name="blog">Blog</string>
    <string name="community">Community</string>
    <string name="support_group">Support Group</string>
    <string name="feedback_forum">Feedback Forum</string>
    <string name="feature_request">Feature Request</string>
    <string name="bug_report">Bug Report</string>
    <string name="whats_new">What's New</string>
    <string name="changelog">Changelog</string>
    <string name="updates">Updates</string>
    <string name="auto_update">Auto Update</string>
    <string name="check_for_updates">Check for Updates</string>
    <string name="latest_version">You have the latest version</string>
    <string name="update_available">Update Available</string>
    <string name="download_update">Download Update</string>
    <string name="install_now">Install Now</string>
```



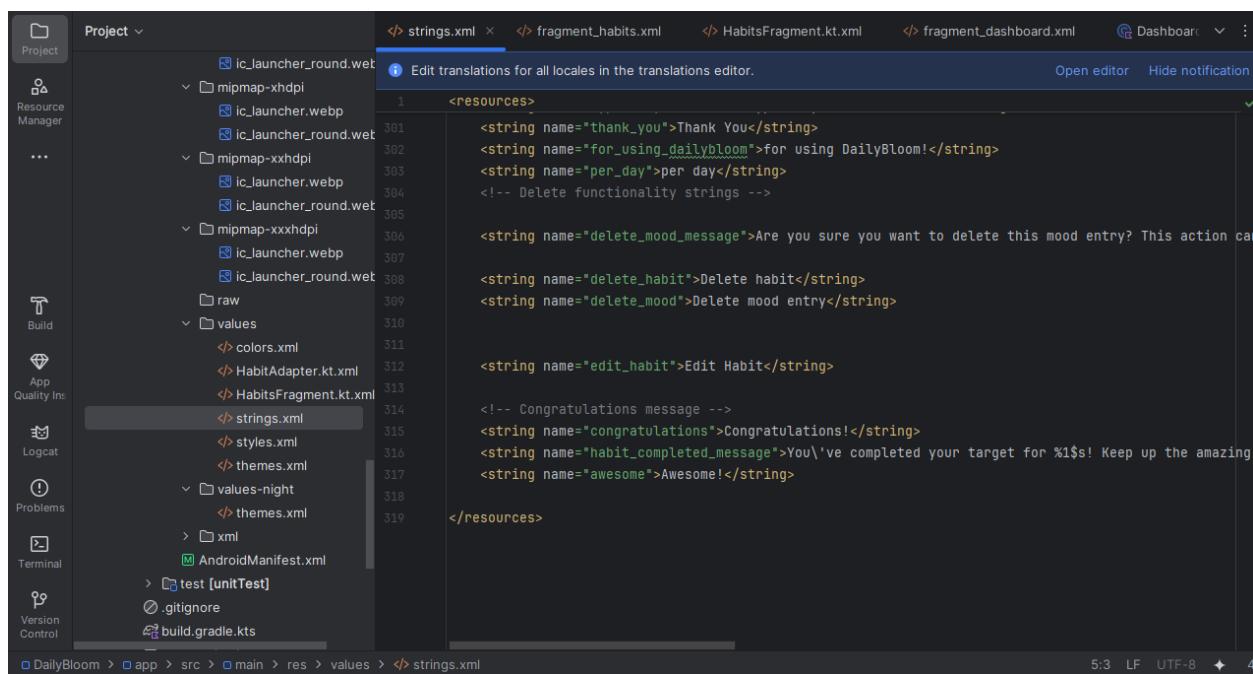
The screenshot shows the Android Studio interface with the Project tool window on the left and the code editor on the right. The code editor displays the `strings.xml` file located at `DailyBloom/app/src/main/res/values/strings.xml`. The file contains various string resources, including common issues, solutions, contact developer, response time, and delete functionality messages. A notification at the top of the editor says "Edit translations for all locales in the translations editor". The status bar at the bottom shows "5:3 LF UTF-8 4 s".

```
<resources>
    <string name="install_now">Install Now</string>
    <string name="later">Later</string>
    <string name="update_successful">Update successful</string>
    <string name="restart_app">Please restart the app to apply changes</string>
    <string name="maintenance">Maintenance</string>
    <string name="troubleshooting">Troubleshooting</string>
    <string name="common_issues">Common Issues</string>
    <string name="solutions">Solutions</string>
    <string name="contact_developer">Contact Developer</string>
    <string name="response_time">Response Time</string>
    <string name="typically_24_hours">Typically within 24 hours</string>
    <string name="thank_you">Thank You</string>
    <string name="for_using_dailybloom">for using DailyBloom!</string>
    <string name="per_day">per day</string>
    <!-- Delete functionality strings -->

    <string name="delete_mood_message">Are you sure you want to delete this mood entry? This action can't be undone.</string>
    <string name="delete_habit">Delete habit</string>
    <string name="delete_mood">Delete mood entry</string>

    <string name="edit_habit">Edit Habit</string>
    <!-- Congratulations message -->
    <string name="congratulations">Congratulations!</string>
    <string name="habit_completed_message">You've completed your target for %1$s! Keep up the amazing work!</string>
    <string name="awesome">Awesome!</string>

```



The screenshot shows the Android Studio interface with the Project tool window on the left and the code editor on the right. The code editor displays the `strings.xml` file located at `DailyBloom/app/src/main/res/values-night/strings.xml`. This file contains string resources specific to night mode, such as "thank you", "for using dailybloom", "per day", and various congratulatory messages. A notification at the top of the editor says "Edit translations for all locales in the translations editor". The status bar at the bottom shows "5:3 LF UTF-8 4 s".

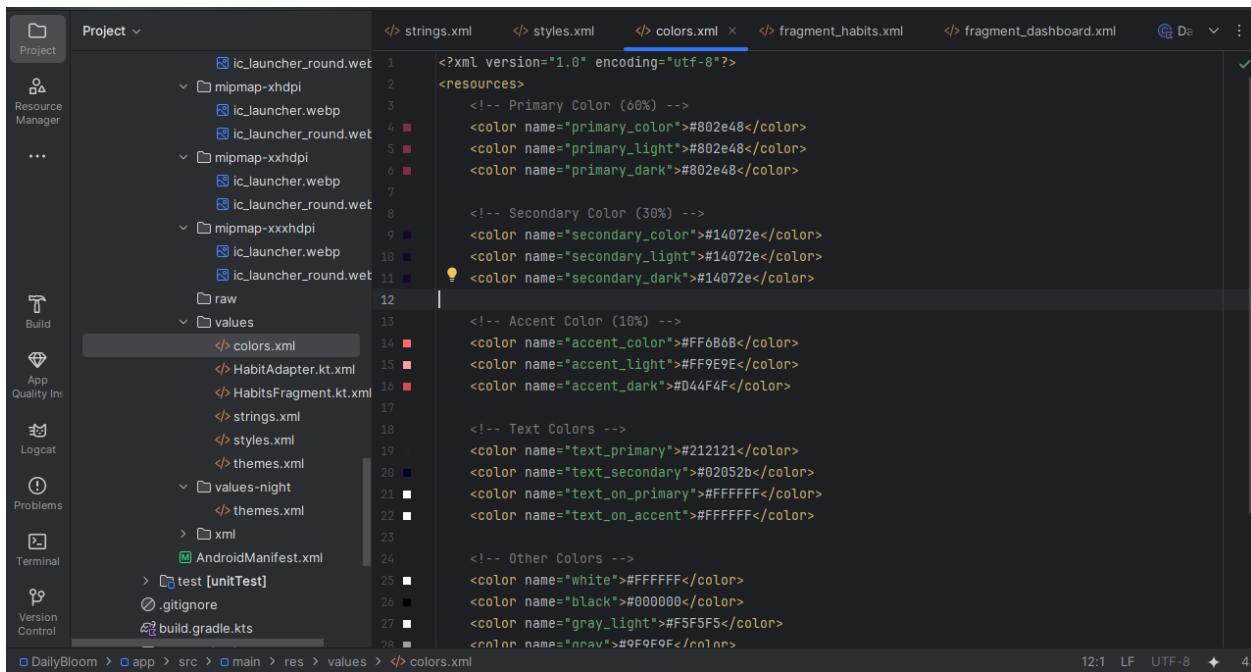
```
<resources>
    <string name="thank_you">Thank You</string>
    <string name="for_using_dailybloom">for using DailyBloom!</string>
    <string name="per_day">per day</string>
    <!-- Delete functionality strings -->

    <string name="delete_mood_message">Are you sure you want to delete this mood entry? This action can't be undone.</string>
    <string name="delete_habit">Delete habit</string>
    <string name="delete_mood">Delete mood entry</string>

    <string name="edit_habit">Edit Habit</string>
    <!-- Congratulations message -->
    <string name="congratulations">Congratulations!</string>
    <string name="habit_completed_message">You've completed your target for %1$s! Keep up the amazing work!</string>
    <string name="awesome">Awesome!</string>

```

## Colors



The screenshot shows the Android Studio interface with the Project tab selected. The left sidebar includes icons for Resource Manager, Build, App Quality, Logcat, Problems, Terminal, and Version Control. The main area displays the contents of the colors.xml file under the res/values directory. The code defines various color resources:

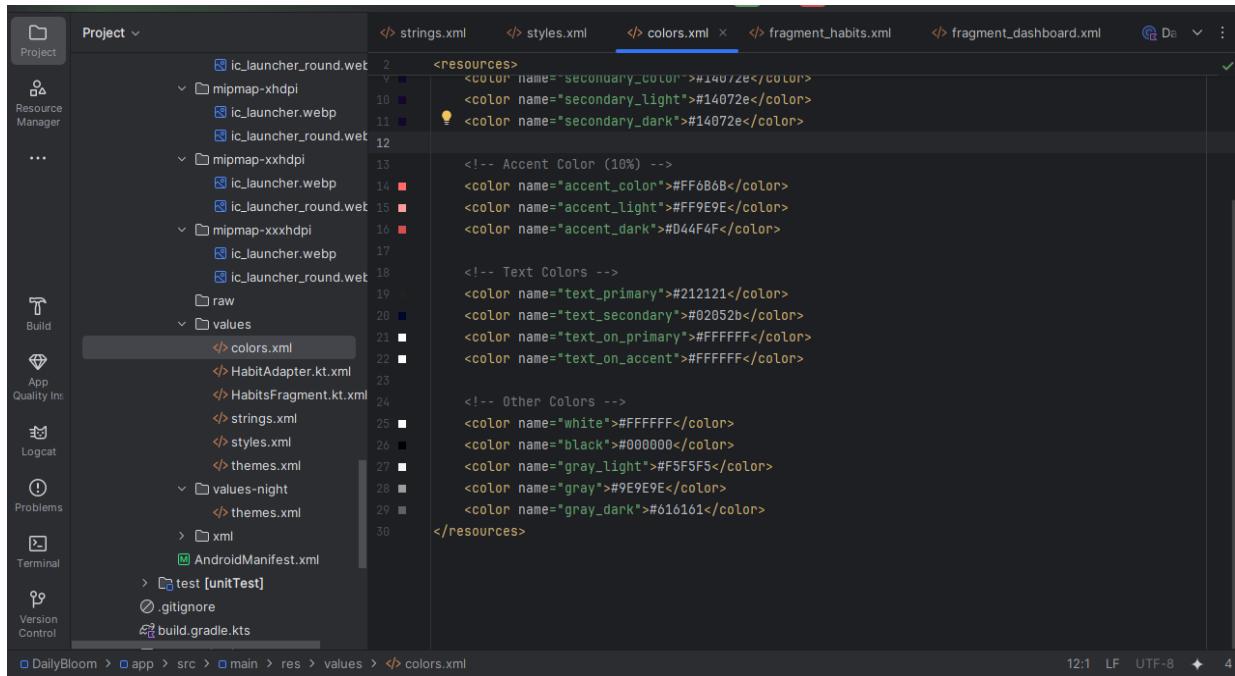
```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <!-- Primary Color (60%) -->
    <color name="primary_color">#802e48</color>
    <color name="primary_light">#802e48</color>
    <color name="primary_dark">#802e48</color>

    <!-- Secondary Color (30%) -->
    <color name="secondary_color">#14072e</color>
    <color name="secondary_light">#14072e</color>
    <color name="secondary_dark">#14072e</color>

    <!-- Accent Color (10%) -->
    <color name="accent_color">#FF6B6B</color>
    <color name="accent_light">#FF9E9E</color>
    <color name="accent_dark">#D44F4F</color>

    <!-- Text Colors -->
    <color name="text_primary">#212121</color>
    <color name="text_secondary">#02052b</color>
    <color name="text_on_primary">#FFFFFF</color>
    <color name="text_on_accent">#FFFFFF</color>

    <!-- Other Colors -->
    <color name="white">#FFFFFF</color>
    <color name="black">#000000</color>
    <color name="gray_light">#F5F5F5</color>
    <color name="gray">#9E9E9E</color>
    <color name="gray_dark">#616161</color>
</resources>
```



This screenshot shows the same Android Studio interface and project structure as the first one, but the colors.xml file contains a different set of color definitions:

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <!-- Secondary Color (30%) -->
    <color name="secondary_color">#14072e</color>
    <color name="secondary_light">#14072e</color>
    <color name="secondary_dark">#14072e</color>

    <!-- Accent Color (10%) -->
    <color name="accent_color">#FF6B6B</color>
    <color name="accent_light">#FF9E9E</color>
    <color name="accent_dark">#D44F4F</color>

    <!-- Text Colors -->
    <color name="text_primary">#212121</color>
    <color name="text_secondary">#02052b</color>
    <color name="text_on_primary">#FFFFFF</color>
    <color name="text_on_accent">#FFFFFF</color>

    <!-- Other Colors -->
    <color name="white">#FFFFFF</color>
    <color name="black">#000000</color>
    <color name="gray_light">#F5F5F5</color>
    <color name="gray">#9E9E9E</color>
    <color name="gray_dark">#616161</color>
</resources>
```