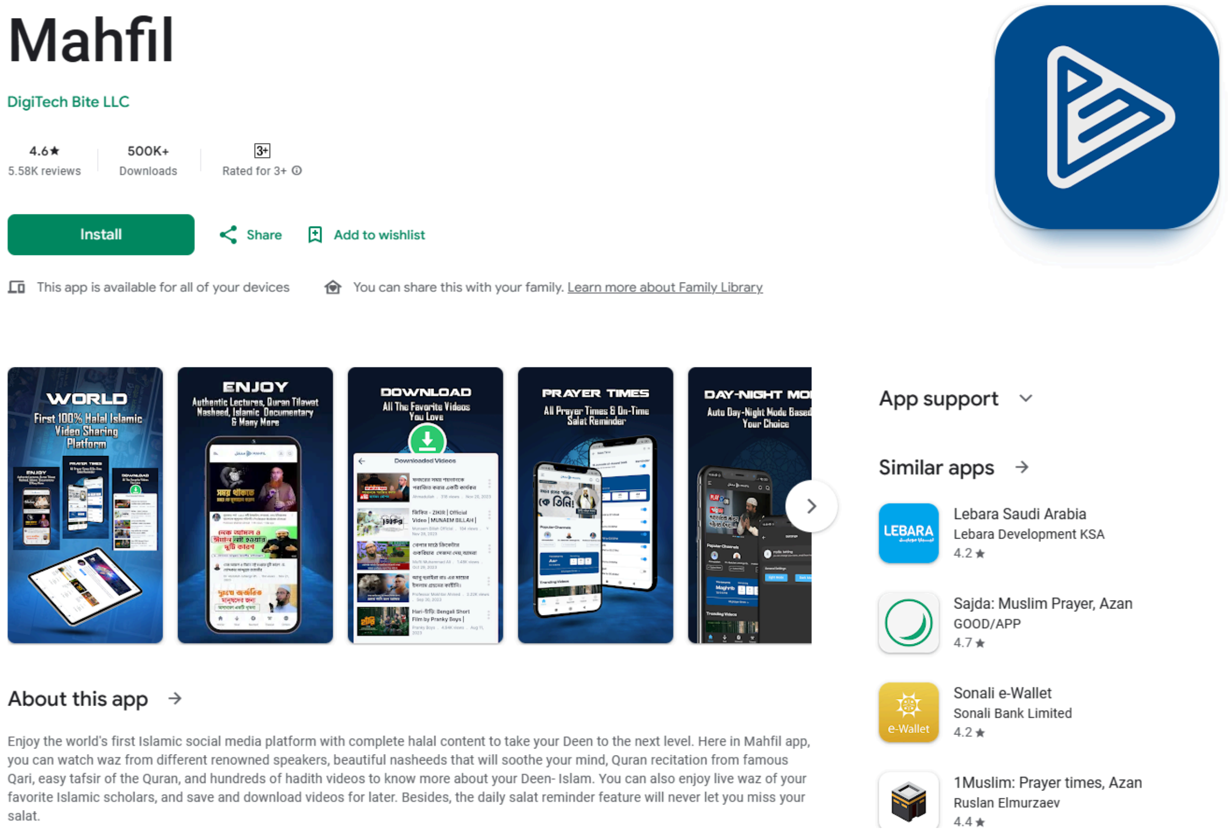
Task for SQA Intern: Testing for Mahfil App

App Description: You are tasked with testing the Mahfil app. The app is a mobile application designed to provide users with a platform for streaming unique Islamic content, including waz (sermons), nasheed (Islamic songs), tilawat (Quranic recitation), Islamic shorts, short films, halal documentaries, funny videos, and Islamic lectures. Users can engage with the content by liking, commenting, replying, downloading videos, adding to the wishlist, and updating their profile.

Download the Mahfil App for Testing: You can easily download and install the Mahfil app on your device. If you are an Android user, go to Google Play Store and search for "Mahfil."



Mahfil

DigiTech Bite LLC

4.6★ 5.58K reviews | 500K+ Downloads | 3+ Rated for 3+

Install | Share | Add to wishlist

This app is available for all of your devices

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About this app →

Enjoy the world's first Islamic social media platform with complete halal content to take your Deen to the next level. Here in Mahfil app, you can watch waz from different renowned speakers, beautiful nasheeds that will soothe your mind, Quran recitation from famous Qari, easy tafsir of the Quran, and hundreds of hadith videos to know more about your Deen- Islam. You can also enjoy live waz of your favorite Islamic scholars, and save and download videos for later. Besides, the daily salat reminder feature will never let you miss your salat.

WORLD
First 100% Halal Islamic Video Sharing Platform
ENJOY
Authentic Lectures, Quran Tilawat Nasheed, Islamic Documentary & Many More
DOWNLOAD
All The Favorite Videos You Love
PRAYER TIMES
All Prayer Times & On-Time Salat Reminder
DAY-NIGHT MO
Auto Day-Night Mode Based Your Choice

Testing Environment:

- **Mobile app platform:** Android
- **Mobile device or emulator:** Ensure the availability of a suitable device or emulator for testing.

Tasks 101: Mahfil App Testing

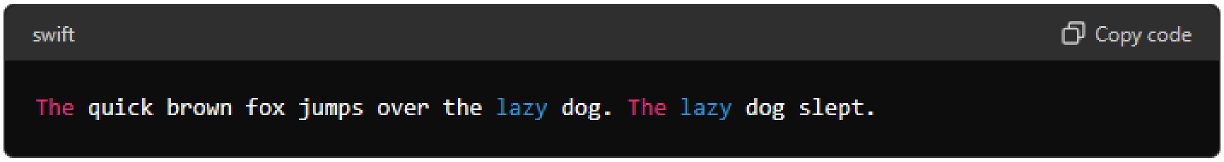
1. **User Authentication:**
    - Test the user authentication process by verifying that users can successfully sign up and log in.
    - Ensure that password recovery functionality, if available, works as expected.
2. **Content Categories:**
    - Explore and verify that content categories such as waz, nasheed, tilawat, Islamic shorts, short films, halal documentaries, and funny videos are accessible and correctly organized.
3. **Video Streaming:**
    - Test the video streaming functionality for different types of content.
    - Verify that videos load quickly and play smoothly without buffering issues.
    - Check for features like pause, play, and autoplay.
4. **Unique Video Content:**
    - Verify that the content available on the app is unique and aligns with Islamic principles.
    - Check for any duplicate or inappropriate content.
5. **Download Functionality:**
    - Test the download functionality for videos.
    - Verify that users can download videos for offline viewing.
    - Confirm that downloaded videos play correctly without any issues.
6. **Search and Filters:**
    - Test the search functionality to ensure users can find specific content.
    - Verify that filters (e.g., by category, date, or popularity) work as expected.

7. **User Interaction:**
    - Check for features that allow users to like, comment, or share videos.
    - Verify that user interactions are reflected correctly, and notifications (if any) are generated appropriately.
8. **Performance Testing:**
    - Test the app's performance, especially during video playback and downloading.
    - Check for any delays in loading video content or responsiveness issues.

Tasks 102: Java Program for Word Count

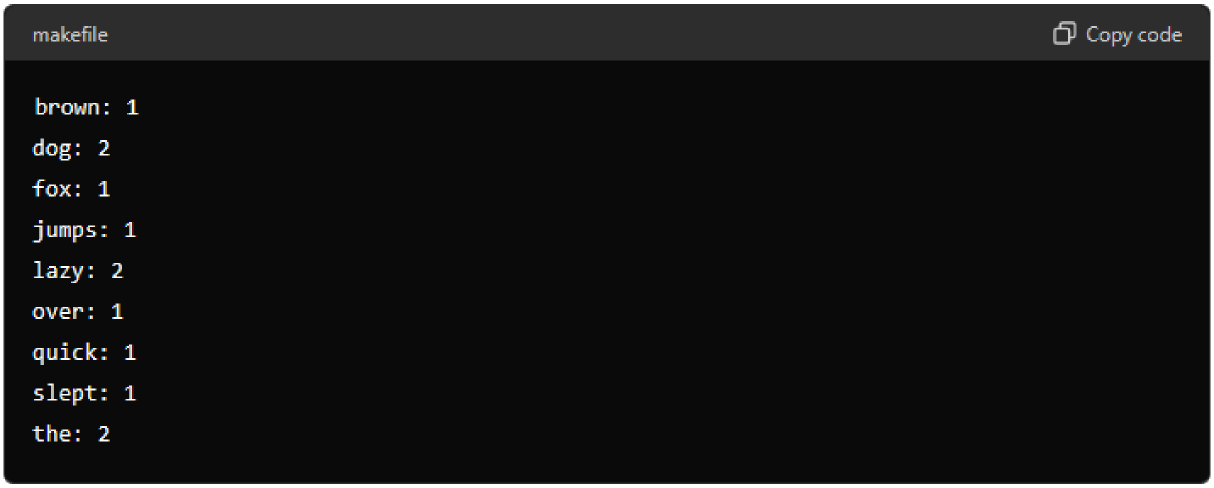
Task Description: Write a Java program that reads a text file and counts the occurrences of each word in the file. The program should then display the word count for each unique word in alphabetical order.

Example:
Input:



```swift
The quick brown fox jumps over the lazy dog. The lazy dog slept.
```

Output:



```makefile
brown: 1
dog: 2
fox: 1
jumps: 1
lazy: 2
over: 1
quick: 1
slept: 1
the: 2
```

Requirements:

- Handle punctuation marks, whitespace, and case sensitivity appropriately.
- Consider using data structures like `HashMap` or `TreeMap` to efficiently store and manage the word count.

Bug Reporting:

- Document any issues or defects found during testing using a standardized bug report format in an Excel file.
- Include steps to reproduce, expected and actual results, and screenshots if applicable.

Submission:

- Provide a document summarizing your testing process, including executed test cases and any defects discovered in the email thread replies.
- Include bug reports for any issues found during testing.
- Share any additional recommendations for improving the user experience.
- Provide a link to your version-controlled repository (e.g., GitHub) containing the Java program.
- Include instructions for running and testing the Java program.

Note:

- Emphasize attention to detail, thorough testing, and clear communication in bug reporting.
- Assess the candidate's ability to explore different features of a mobile application and identify potential issues in the context of an Islamic content streaming app.

Deadline: ASAP