

Test Description: Android Developer - Timetonic

Objective:

Create a simple Android application that includes a login page, a landing page, and fetches and displays a list of books using Timetonic's public API.

Requirements:

Login Page:

- Create a login page with fields for email and password.
- Authenticate against Timetonic's public API using the provided credentials:
 - Email: android.developer@timetonic.com
 - Password: Android.developer1
- Use those endpoints in order to authenticate::
/createAppkey, /createOauthkey, /createSesskey
- Upon successful authentication, store the session token for later use..

Landing Page:

- Implement a landing page that displays a list of books associated with the authenticated account.
- Fetch the books from the API using the stored session token and using this endpoint: */getAllBooks*
- Display the name and image of each book (filtering out the "contacts books") in a scrollable list.

The image of each book can be found in the JSON response, inside the object "ownerPrefs" then the value of key "oCoverImg". This value is used to create the url in this format:

- Ex: <https://timetonic.com/live/dbi/in/tb/FU-1701419839-65699b3f78400/modele-suivi-projet.jpg>

Evaluation Criteria:

- Functionality: Ensure that the application performs the specified tasks correctly.
- Project Organization: Evaluate how well the project is structured and organized.
- Git Management: Assess the use of Git for version control. Include meaningful commit messages.

- Code Readability: Examine the clarity and readability of the code.
- Design Patterns: Assess whether appropriate design patterns are employed.
- Dependencies: Authorized dependencies are allowed, but fewer dependencies are preferred.

Submission:

- Provide a link to the Git repository containing the project.

Additional Information:

- The public API documentation can be found at [Timetonic API Documentation](#).
- Ensure that sensitive information, such as API keys or passwords, is not hardcoded in the source code.

Note:

This test is designed to evaluate your technical skills, code organization, and problem-solving abilities. Keep in mind that clear and well-documented code is essential.