

## **Udacity**

### **Developing Android Apps. Final Project.**

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#### **Summary**

This application is a native android client for Asana (tasks management system) in replace to the official one based on web view.

Application allows to achieve the following goals: login to Asana by using existing account, retrieve list of workspaces, projects and tasks with details. By using application user will be able to create new project, switch between workspaces and organizations, change task status, add comment to the task and create a new one, setting its due date and project. There will be additional functionality of time tracking so user will be able to see how much time it was taken to accomplish a task. The time tracking functionality will be optional, enabled by default and could be turned off in settings. Time tracking is provided with Toggl (see links). User will be notified of upcoming tasks and could share task progress. But there is a constraint such as: it's not possible to edit project and workspace details.

In addition to android application there is a simple web page as a part of Asana OAuth flow. Application uses INTERNET permission. Once user is logged in, having constant internet access is not required as a list of tasks will be stored in internal SQLite database, nevertheless creating task and project requires internet connection.

See mockups for detailed application layouts.

#### **Links**

- Asana <https://apps.asana.com>
- Asana API <http://developer.asana.com/documentation/>
- Toggl time tracking <https://www.toggl.com>