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## Individual project. To-Do List Application

The goal of the project is to create an Android-powered mobile application that supports the management and scheduling of tasks to be done at a specific time.

The functionality that this application should implement is as follows:

- displaying the list of tasks,
- adding a task to the list,
- editing a task,
- removing a task,
- marking a task as done,
- generating reminders about today's tasks or which have expired,
- importing and exporting the list to a text file (or some other storage),
- assigning priority levels to tasks,
- sorting tasks (eg. by creation date, finish time, priority, name of the task, status),
- adding attachments to a task – photos or video clips (captured from the camera or stored on the device),
- removing attachments from a task,
- viewing the list of attachments assigned to a task.

What will have an impact on your mark:

- proper implementation of the aforementioned functionality,
- code transparency (including the naming of variables and components),
- ergonomics of the user interface (and in particular the way in which the application interacts, the complexity of the menu, the selection of the right components for each function),
- exception handling.

The project should be accompanied by a documentation that includes: an implemented features list, a use case diagram with description, a class diagram with description, a selected algorithm with description.

Students are allowed to carry out an alternative project, however similar in complexity.