**DoIt**

**Initial prerequisites**

The existing decision (<https://todoist.com>) doesn’t provide following functionality:

* Calendar
* Weekly/Monthly/Annual reports (regularly and on demand)
* Attachment of any files to the task is not provided
* 2 GUI: console, swing
* Label functionality is locked for non premium users
* Desktop application (only mobile and web versions are provided)
* Providing task status

**Objectives and Limits For The Project**

**Objectives:**

Software allowing users to create and manage tasks by e-mail, in the application. Software also provides functionality for: export/import lists of tasks, creating of the reports (weekly, monthly, annual), inner calendar functionality, attachment functionality of the files to the tasks, labels, managing projects of tasks, filters, printing the page.

**Limits:**

CD 0.0.1:

Core: Initial project structure. Basic operations. Create, Update, Delete tasks & projects. Storage H2 Embedded

GUI: Initial documentation

QA: Initial documentation, GitHub Wiki

CD 0.0.2:

Core: Status managing, Attachments, BugFixing

GUI: Console UI

QA: Testing Core CD 0.0.1, Console UI

CD 0.0.3:

Core: User authentication, Notifications, BugFixing

GUI: Console UI, BugFixing

QA: Testing Core CD 0.0.2, Console UI

R 0.0.1 alpha:

Core: Preparing project to release 0.0.1 alpha

GUI: Preparing project to release 0.0.1 alpha

QA: Testing Core CD 0.0.3, Console UI;

Testing Release alpha, Console UI, Swing UI

CD 0.0.4:

Core: Import, Export, BugFixing

GUI: Swing based UI, Console UI BugFixing

QA: Testing Core CD 0.0.4, Swing UI, Console UI

CD 0.0.5:

Core: Reporting, BugFixing

GUI: Swing based UI, BugFixing

QA: Testing Core CD 0.0.5, Swing UI, Console UI

R 0.0.1 beta:

Core: Preparing project to release 0.0.1 beta

GUI: Preparing project to release 0.0.1 beta

QA: Testing Release beta, Console UI, Swing UI

**Release R 0.0.1 alpha**

What has to be done:

* Create, Update, Delete tasks
* Create, Update, Delete projects
* User authentication
* Notifications
* Console UI
* Swing based UI
* Calendar
* labels
* statuses
* Attachments to the tasks
* e-mail related functionality (creating tasks, assigning tasks on other users)

What hasn’t to be done:

* import
* export
* printing the page
* reports (regular/on demand, daily/monthly/annually)
* multilingual UI
* help
* filters
* productivity graphs

**Release R 0.0.1 beta**

What has to be done:

* import
* export
* printing the page
* reports (regular/on demand, daily/monthly/annually)
* multilingual UI
* help
* filters
* productivity graphs

What hasn’t to be done:

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**OS:** Windows XP, Windows 7 (32, 64), Windows 8, Windows 10 (?)

**Language:** English, Russian, ability to add another language to the UI.

**Minimal system requirements:** OS: Windows 7, RAM 64MB, Graphic Memory 64MB, CPU: Pentium 4 and higher, ROM 20MB, Internet connection, Java 8+.