Revision history

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| --- | --- | --- | --- |
| Version | Description | Author | Date |
| v1.0 | Architecture | Xue Guyu |  |
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1. Terms

Process: a template of a workflow of tasks that aims to complete a goal

Project: an instance of a process, specifying the parameters like completion time of the task and assignment

Step: the unit in a process

Task: The unit in a project, it is an instance of a step.

1. Functionalities

**Dashboard**

* Create process (dashboard -> processes)

In the processes page, there’s a big button called “create process”. It prompts user to search existing processes in Parket. If none of the process satisfy user’s

* Manage process (dashboard -> processes)

After creating a process template, the process will be in creator’s *process repository*(In user’s dashboard, there’s a tag called process repository). The process could be either private or public. Public process will be published in **Parket** associated with several keywords.

* Instantiate a process – create project (dashboard -> projects)

Define the time, delegate, etc. The instance of a process is a *project* (dashboard -> projects).

* Manage a project (dashboard -> projects)
* Task list (dashboard -> tasks)

All tasks are listed in one page (like the timeline in facebook) in time order.

**Parket**

* Search a process ***v2***

Search a process based on keyword, title, user rating, user info, etc. View the details, and the diagram. Choose to instantiate it.

* Variate a process ***v2***

User can customize an existing process, which make it a new process (a child process of the parent)

**Account**

* User login and logout
* Search an official or personal account ***v2***
* View the account’s public processes
* Official account vs Personal account ***v2***

Official account is accessiable via multiple personal accounts. But one of them is master account (take the ownership)

**Social network *v2***

* Integration with social network. Allow task notification to be sent to user’s facebook timeline, weibo, etc.

1. Module