**Configuration Management Plan**

# Database Subsystem

# For Remote Authentication

# Using Facial Recognition

Revision History:

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| --- | --- | --- |
| Date | Author | Description |
| 2016-04-10 | Wang Feng | Draft for CMP |
| 2016-04-10 | Yu Qianshan | Enhance the format |
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1. **Scope**

This standard is applied in team Empire (Jilin University)

1. **Naming rule**

Name\_date: Name is the original name of the file, date is the last time you modified this file.

1. **Configuration directory structure table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1st level name | 2nd level name | 3rd level Name | 4th level name | Description |
| Database |  |  |  | Root directory |
|  | src |  |  | Store some source code files |
|  | data |  |  | Store data |
|  | doc |  |  | Store document |
|  |  |  |  |  |
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1. **Roles & Responsibility**
2. Project Manager (PM) : Decide who is the Configuration File Administrator(CFA).
3. Configuration File Administrator(CFA) :

·Only CFA has the permission to access/delete/modify all files.

·Only CFA could award the permission to access/delete/modify some files in one directory to other role.

1. Directory Owner(DO) :

·Only DO is able to delete/add/modify a file in directory he/she owns, but he/she needs to inform CFA while doing so.

1. Configuration File Reader(CFR) :

·CFA has the permission to read the configuration file.

·DO must be the CFA of his own directory.

·CFA could modify the configuration file if he/she gets the permission from DO.

1. None-privilege User(NPU) :

·NPU could get the permission from CFA by email if CFA agrees to award the permission.

1. **Add/Delete/Modify directory**
2. Modifying directory means changing name of the directory.
3. While adding/deleting/modifying a directory, DO needs sending an email to CFA and accepting agreement from CFA.
4. Once DO has changed a directory, CFA or DO must update configuration directory structure table. Meanwhile, DO needs to update modification record.
5. **Release configuration file**
6. If you (user) want to release a configuration file, please email the owner of the directory and getting permission from him/her.
7. If DO want to release a configuration file, he/she needs to email CFA and update configuration directory structure table, but no need to update modification record.
8. If CFA want to release a configuration file, he/she does not need to inform owner of that directory.
9. **Conservation of configuration file**

Configuration file will be uploaded and managed to github.com

1. **Back-up**

PM is responsible for backup.

1. **Others**

PM E-mail: chansonyhu@gmail.com

CFA E-mail: wffatescript@gmail.com