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| --- | --- | --- | --- | --- | --- |
|  |  | |  | | --- | |  | | smtp protocol accomplishment | |  | |

1. PROTOCOL: rfc821

|  |  |
| --- | --- |
|  | HELO -> Command |
|  | Mail From -> Command |
|  | Rcpt To -> Command |
|  | DATA -> Command |
|  | <CRLF>.<CRLF> -> Command to end DATA Section |
|  | QUIT -> Command |
|  | HELP -> Command |
|  | RSET -> Command |
|  | VRFY -> Command |
|  | NOOP -> Command |
|  | EXPN -> Command |
|  |  |

1. PROTOCOL: RFC5321

|  |  |
| --- | --- |
|  | EHLO -> Command |

1. Additional features IMPLEMENTED

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| --- | --- |
|  | All project is annotated line per line. Java Docs is imported in the whole code. |
|  | Server provides a hierarchical data structure or external database for storage. Mail data can be deleted. |
|  | All mails can be deleted from all users who are **authorized**. One user can delete all users mails and can delete if he want only his mails. Users can read theirs mails. |
|  | Client can login to the system with a username and password. Password is **salted** and **hashed** and **encrypted**. Passwords are stored locally on the filesystem. |
|  | All data are **encrypted** when client and server are connected |
|  | There are two Clients. The first Client is a **Server Client** and have authentication, password salt and hash, and encryption. The second Client is a **Internal Client** and have only encryption. The Server Client can delete and read emails. The Internal Client can only send email. |