By Timothy Couch, Will Hildreth, Daniel Johnson

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| EmailClientSystem | |
| Manages hierarchy of users | Users |
| Receives Emails |  |

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| --- | --- |
| User | |
| Manages hierarchy of accounts | Account |
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| --- | --- |
| Account | |
| Manages hierarchy of sites | Site |
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| --- | --- |
| Site | |
| Manages in hierarchy of emails | Email Address |
|  | Mailbox |

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| --- | --- |
| Email Address | |
| Contains an email address |  |
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| --- | --- |
| Mailbox | |
| Holds emails | Email |
|  |  |

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| --- | --- |
| Email | |
| Holds a message and a sender |  |
|  |  |

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| --- | --- |
| GUI | |
| Controls menus and takes user input | Controller |
|  | Menu |

|  |  |
| --- | --- |
| Menu | |
| Controls button commands | Button |
|  |  |

|  |  |
| --- | --- |
| Button | |
| Manges clicks |  |
|  |  |

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| --- | --- |
| Controller | |
| Bridges GUI and EmailClientSystem | EmailClientSystem |
| Manages System States | GUI |