

Revision History

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| --- | --- | --- | --- |
| Version | Modifications | Date | Members Who Modified |
| 1 | Skeleton document and first-pass ICD and Test Plan content | 11/24 | Alexander DeForge |
| 2 | Entered variable types for sql database / created some new tests | 11/25 | Douglas Evert |
| 3 | Split document into ICD and test plan and added cover pages | 11/25 | Douglas Evert |
| 4 | Revised test plan and data in database | 11/25 | Pierre Lucceus |
| 5 | Revised test plan to include preamble/introduction | 11/26 | Galen Yanofsky |

ICD Outline

Data between login webpage and database

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Value Range | Default Value |
| Username | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric (HTTPS) -> hashed alphanumeric | Empty string |
| Password | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric (HTTPS) -> hashed alphanumeric | Empty string |

Data between user webpage and database

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Value Range | Default Value |
| Demographic | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |

Data between admin webpage and database

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Value Range | Default Value |
| Name | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |
| Address | JavaScript var -> JSON object-> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |
| Phone | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |
| Salary | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |
| PTO Balance | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |
| Demographic | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |
| Notes | JavaScript var -> JSON object -> PHP $var’s | alphanumeric -> JSON format with alphanumeric -> alphanumeric | Empty string |

Data in database

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Value Range | Default Value |
| Username | varchar(30) | 30 characters max | Null |
| Password | varchar(200)\*hashing will require the extra character space | 200 characters max | Null |
| Name | Varchar(60) | 60 characters max | Null |
| Address | varchar(100) | 100 characters max | Null |
| Phone | number | 0000000000-9999999999 | Null |
| Salary | float | 0-9999999 | Null |
| PTO Balance | number | 0-240 | Null |
| Demographic | varchar(25) | 25 characters max | Null |
| Notes | varchar(200) | 200 characters max | Null |