## System Requirements

### High level requires

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| **ID** | **Name/Tag** | **Description** |
| H\_01 | Operational Requirements | * GNU gcc compiler * Unity test framework * Github |
| H\_02 | Basic Function | To perform all basic calculator functions |
| H\_03 | Advance Functions | Trigonometry, log, modulus functions |
| H\_04 | Matrix Function | Matrix add, subtract, multiply |

### Low level Requirements

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| ID | Description |
| H\_01\_L\_01 | Workflow Ci |
| H\_01\_L\_02 | Unity test frame work |
| H\_01\_L\_03 | Make file in git |
| H\_01\_L\_01 | Unity test main file |
| H\_02\_L\_01 | Function for add and subtract |
| H\_02\_L\_02 | Function for multiply and divide |
| H\_02\_L\_03 | Function for power and root |
| H\_02\_L\_04 | Main basic function with function pointers |
| H\_03\_L\_01 | Factorial |
| H\_03\_L\_02 | Main advance function with function pointers |
| H\_04\_L\_01 | Matrix add and subtract |
| H\_04\_L\_02 | Matrix multiplication |