Test Plan

for

Brew Day!

Version 1.0 approved

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| ZHANG Zhiyi,  LUO Zichen,  LU Guangxing,  WANG Yuan | 12/5/2019 | The Initial Test Plan | 1.0 |
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# Objectives

## Modules under test

The Brew Day! System, which is a brewing-assistance software for home beer brewers. It can record brewers’ every brewing by storing the recipes, ingredients and the brewer’s storage. It can recommend recipes for brewing according to brewer’s choice and storage, and also produce a list of items need to buy.

## References

Software Requirements Specification for Brew Day!, Version 5.0

# Testing levels and methods

## Testing levels

We are using unit Testing, since we are testing.

## Testing methods

We are going to use the Whitebox testing, since we can see and manage the source code of this system/software. And to be specific, we will use path testing.

# Test cases

|  |  |  |
| --- | --- | --- |
| Test ID | Test case description | Expected result |
| 001 | Input: 300 | Beer3**\n**Beer2**\n**Beer1 |
| 002 | Input: 400 | Beer2**\n**Beer1 |
| 003 | Input: 500 | **null** |
| 004 | Input: 200 | Beer3**\n**Beer2**\n**Beer1 |