## Seeded-Defects Log

## 2 Seeded-Defects Log

| Defec<br>t No. | Defect  | Output<br>Before<br>Seeding                                     | Output After<br>Seeding   | Suggested<br>Correction  | Sever<br>ity |
|----------------|---|---|---|--|--------------|
| 1              | When sign-up page with length of username is greater than 15 characters                           | Sign-up<br>failed and<br>show up<br>error<br>message            | error message<br>not shown                                      | Added if statement to check if the input is too long (check username.length > 15)                  | 2            |
| 2              | When player set a flag, the flag can not cancel.  | When player set a flag, the flag can be cancel.                 | The flag button is blocked.                                     | Add unflag<br>function to<br>unblock when<br>player set a flag.                                    | 2            |
| 3              | When changing the password, old password and new password are same. (change password page)        | Change<br>password<br>failed and<br>show up<br>error<br>message | Change<br>password<br>succeed and<br>error message<br>not shown | Added old<br>password and<br>new password<br>checking function<br>for changing<br>password page    | 2            |
| 4              | When changing the password, new password and repeat password are not same. (change password page) | Change<br>password<br>failed and<br>show up<br>error<br>message | Change<br>password<br>succeed and<br>error message<br>not shown | Added new<br>password and<br>repeat password<br>checking function<br>for changing<br>password page | 2            |
| 5              | When set up the password, new password and repeat password are not same. (sign-up                 | Set<br>password<br>failed and<br>show up<br>error               | Set password<br>succeed and<br>show up error<br>message         | Added password<br>and repeat<br>password<br>checking function<br>for changing                      | 2            |

|    | page)  | message  |   | password page  |   |
|----|--|--|---|--|---|
| 6  | When changing the password, give an invalid format password, change can still proceed  | Change<br>password<br>failed and<br>show up<br>error<br>message                            | Change<br>password<br>succeed and<br>error message<br>not shown | Added<br>format-checking<br>function for<br>changing<br>password page                | 2 |
| 7  | When the user points is not enough, it still can buy an item in the game.              | Buy item<br>failed and<br>show up<br>error<br>message                                      | Buy item<br>succeed and<br>error message<br>not shown           | fix the points the calculation and pop up dialog box                                 | 2 |
| 8  | After end of the game, cannot add user record into the ranking system and user history | The player record should be update.  | The player record can not be update.                            | correctly connect the ranking module and user module in the end game view controller | 2 |
| 9  | After clicked the game level button, cannot show up correct version                    | After clicked<br>the game<br>level button,<br>it will<br>redirect to<br>correct<br>version | It cannot redirect to correct version                           | correctly connect<br>the game view<br>page in the game<br>view controller            | 1 |
| 10 | When user try to logging out, the app will not working                                 | The player<br>should log<br>out succeed<br>and redirect<br>to login page                   | It cannot logout<br>and app doesn't<br>have any<br>response     | correctly user successfully logs and connect the logout button page                  | 1 |
| 11 | When sign-up page<br>with e-mail input<br>legitimacy, error<br>message not shown       | Sign-up<br>failed and<br>show up<br>error  | error message<br>not shown                                      | Added e-mail<br>format-checking<br>function for sign<br>up page                      | 2 |

|    |   | message   |   |  |   |
|----|---|---|---|--|---|
| 12 | When sign-up page with length of username is empty, error message not shown   | Sign-up<br>failed and<br>show up<br>error<br>message            | Sign-up<br>succeed and<br>error message<br>not shown            | Added username<br>null-checking<br>function for sign<br>up page                                | 2 |
| 13 | When change-username page with length of username is empty, error message not shown   | Change<br>username<br>failed and<br>show up<br>error<br>message | Change username succeed and error message not shown             | Added username null-checking function for change username page                                 | 2 |
| 14 | Giving multiple<br>invalid inputs for<br>username, password<br>and email at sign up<br>page, only one error<br>message show | The sign-up<br>page will<br>Show up all<br>error<br>message     | only one error<br>message show                                  | Instead of using "&&" when checking all conditions in an if statement, check them separately   | 2 |
| 15 | When change<br>password page with<br>current password is<br>incorrect   | Change<br>password<br>failed and<br>show up<br>error<br>message | Change<br>password<br>succeed and<br>error message<br>not shown | Added password checking function to check current password is correct for change username page | 2 |
| 16 | When starting the new game, everything such as timer, number of flags should be re-setup                                    | The timer should be re-setup                                    | The timer is not set up and continue to using last game timer   | reset the all of the<br>game value when<br>new game button<br>is clicked                       | 1 |
| 17 | When player clicked<br>all correct flags in<br>any level game, the<br>game will end<br>immediately                          | The player should correct all tiles in a game for all           | When player clicked all correct flags and the game end          | Change the game end logic correctly for every game page.                                       | 2 |

|    |  | flags and tiles   | immediately   |  |   |
|----|--|---|---|--|---|
| 18 | When player clicked pause button in a game, the timer will stop and tiles still available to press               | The player<br>cannot click<br>any tiles,<br>when player<br>clicked<br>pause button        | The player can continue to play after the player clicked pause button   | Disable all button<br>to click, after the<br>player clicked<br>pause button                    | 1 |
| 19 | After the player clicked pause button in a game, the player click add flag button. The flag number don't change. | The flag<br>number<br>should be<br>change after<br>the player<br>click add<br>flag button | The flag<br>number only<br>change after the<br>player click<br>resume button  | When the player clicked pause button, change flag number button state and it should be show up | 2 |
| 20 | Allow user login with username or email address  | The user can login with username or email address   | The user only can login with email address  | Add username login function for login page.  | 2 |
| 21 | After the player clicked 'time*1.5' button in a game, The timer don't change correctly.                          | The user should got correct timer after clicked the time*1.5 button                       | The user got wrong timer, after clicked the time * 1.5 button. In fact, they got time*2 after clicked the time*1.5 button | Change button logic correctly for every game level.  | 2 |
| 22 | After changing the volume in the game setting page, volume is still the same.                                    | The user should change volume succeed   | The volume is still the same.   | Add change volume function for game volume page.   | 2 |
| 23 | After turning on the vibration, the vibration does not work.   | The vibration is should be working  | the vibration does not work.  | Add vibration function for game volume page.   | 2 |

| 24 | After user play a game, the points is not working at profile page   | The points should be change after user play a game.                      | the points don't<br>change at<br>profile page                | Add points show up function for profile page.  | 2 |
|----|---|--|--|--|---|
| 25 | When player set a flag in a game, the flag number will not reduced. | the flag<br>number<br>should be<br>reduced<br>when player<br>set a flag. | The flag<br>number don't<br>change when<br>player set a flag | Add reduce flag<br>number function<br>and show up the<br>flag number on<br>game board page | 2 |