**Group 4 – Checkers**

**Alec Garcia**

**David Cain**

**Jacob Zimmer**

**Justin Kistler**

**Bugs & Enhancements**

**Date Submitted: 4/28/2018**

**Bugs Detected**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Bug Short Title** | **Priority (1-3)** | **Date Found** | **Reported By** |
| **B01** | **Game pieces reference shows the wrong colors** | **2** | **19-Apr-18** | **David Cain** |
| Description | Game piece reference at bottom of Game frame shows the wrong color of game pieces for each player | | | |
| Desired Operation | Show the correct color game pieces | | | |
| Cause | Checkers class reference the wrong game image icons | | | |
| Proposed Fix | update image icon references in the Checkers class | | | |
|  |  | | | |
| **B02** | **Start game button's icon size** | **3** | **19-Apr-18** | **David Cain** |
| Description | Start Game button's icon is to large so that start game string cannot be displayed correctly. | | | |
| Desired Operation | Start Game string to be displayed correctly | | | |
| Cause | Start Game button's icon is to large. | | | |
| Proposed Fix | Resize Start Game icons size. | | | |
|  |  | | | |
| **B03** | **Null pointer exception for image icons** | **1** | **30-Mar-18** | **David Cain** |
| Description | Program returns a null pointer exception when looking image file for all image icons | | | |
| Desired Operation | program to finds image files image file and load it to image icon | | | |
| Cause | Image icons have the wrong path | | | |
| Proposed Fix | update image icons with the correct path | | | |
|  |  | | | |
| **B04** | **Game sounds do not work** | **2** | **30-Mar-18** | **David Cain** |
| Description | No sounds are heard when playing game | | | |
| Desired Operation | Sounds should be heard when pressing on buttons in the game and when moving game pieces | | | |
| Cause | Play sounds in checkers class has wrong path | | | |
| Proposed Fix | Update path for all sounds in checkers class | | | |
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| **ID** | **Bug Short Title** | **Priority (1-3)** | **Date Found** | **Reported By** |
| **B05** | **Messages reference wrong color of game pieces** | **2** | **30-Mar-18** | **David Cain** |
| Description | Messages area under the game board reference the wrong color of game piece | | | |
| Desired Operation | Message area to reference the correct color of game piece | | | |
| Cause | Strings for messages in the checkers class are set incorrectly | | | |
| Proposed Fix | Update message strings in checkers class | | | |
|  |  | | | |
| **B06** | **Help button does not work** | **2** | **30-Mar-18** | **David Cain** |
| Description | Help button does not work. | | | |
| Desired Operation | Help button to open a new frame with information on game play | | | |
| Cause | HowToPlay.is file does not exist | | | |
| Proposed Fix | Create HowToPlay.md file and update link | | | |
|  |  | | | |

**Enhancements Proposed**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Enhancement Short Title** | **Priority (1-3)** | **Date Reported** | **Reported By** |
| **E01** | **Undo button** | **2** | **28-APR-18** | **David Cain** |
| Description | Add undo button to the checkers frame. | | | |
| Desired Operation | To undo a players last move. | | | |
| Cause | In the event that a player accidentally selects the wrong move. | | | |
| Proposed Fix | Add undo button to checkers frame and enable undo functionality. | | | |
|  |  | | | |
| **E02** |  |  |  |  |
| Description |  | | | |
| Desired Operation |  | | | |
| Cause |  | | | |
| Proposed Fix |  | | | |
|  |  | | | |
| **E03** |  |  |  |  |
| Description |  | | | |
| Desired Operation |  | | | |
| Cause |  | | | |
| Proposed Fix |  | | | |
|  |  |  |  |  |

**Fixes (Bugs and Enhancements) Targeted For Implementation**

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| --- | --- | --- | --- | --- | --- |
| **ID** | **Short Title** | **Priority (1-3)** | **Implementation Complete Date** | **Assigned To** | **System Test Date** |
| **B01** | **Null pointer exception for image icons** | **1** | **30-Mar-18** | **David Cain** | **31-Mar-18** |
| **B02** | **Game pieces reference shows the wrong colors** | **2** | **19-Apr-18** | **David Cain** | **20-Apr-18** |
| **B03** | **Game sounds do not work** | **2** | **30-Mar-18** | **David Cain** | **31-Mar-18** |
| **B04** | **Messages reference wrong color of game pieces** | **2** | **30-Mar-18** | **David Cain** | **31-Mar-18** |
| **B05** | **Start game button's icon size** | **3** | **19-Apr-18** | **David Cain** | **20-Apr-18** |
| **B06** | **Help button does not work** | **2** | **30-Mar-18** | **David Cain** | **31-Mar-18** |