Application Development Practices

JWhiteBoard Requirements

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Document Revision History

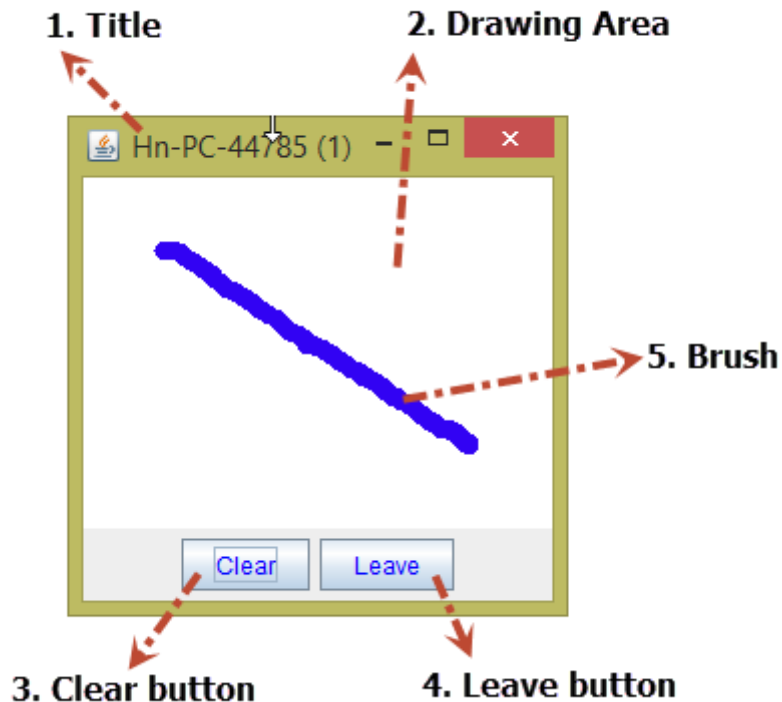| Date	Version	Description	Revised by
15-Sep-2014	1.0	First version	Huyen Pham

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JWhiteBoard Requirements

I.   Graphic User Inferface

1. Title   2. Drawing Area   5. Brush   3. Clear button   4. Leave button

1. **Title**: the title of JWhiteBoard show host computer address (or name) , unique ID and total members of joined group.
2. **Drawing Area:** drag mouse inside drawing area to draw and send drawing to all members of the group. Background color of Drawing Area is White.
3. **Clear button:** click this button to clear all drawing in Drawing area of all members of the group.
4. **Leave button:** click this button to leave the group and close JWhiteBoard.
5. **Brush:** the color of brush is random. Different members have different colored brushes.

II.   Group operations

1. When user draws on one JWhiteBoard instance, the drawing immediately sends to all members of the same group. (Figure 1)
2. Different members have different colored brushes. (Figure 2)
3. When user clicks Clear button, drawing on all JWhiteBoard instances of the same group are cleared. (Figure 3)
4. When user clicks Leave to leave group and close JWhiteBoard instance, the title on remaining members show updated number of group member. (Figure 4)
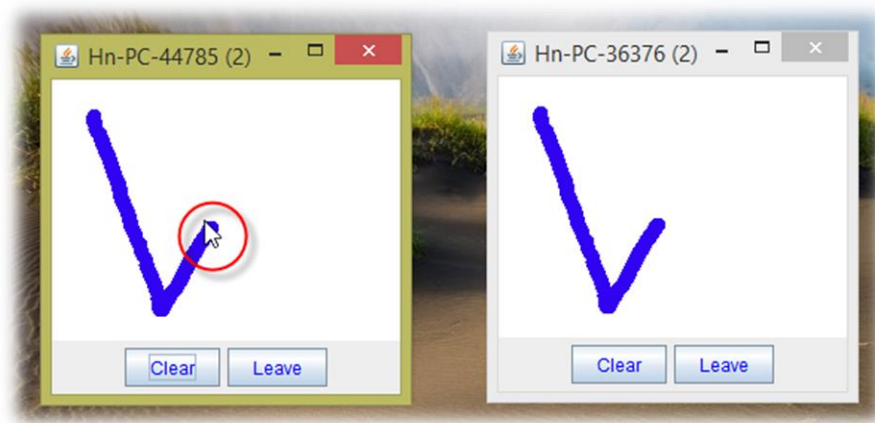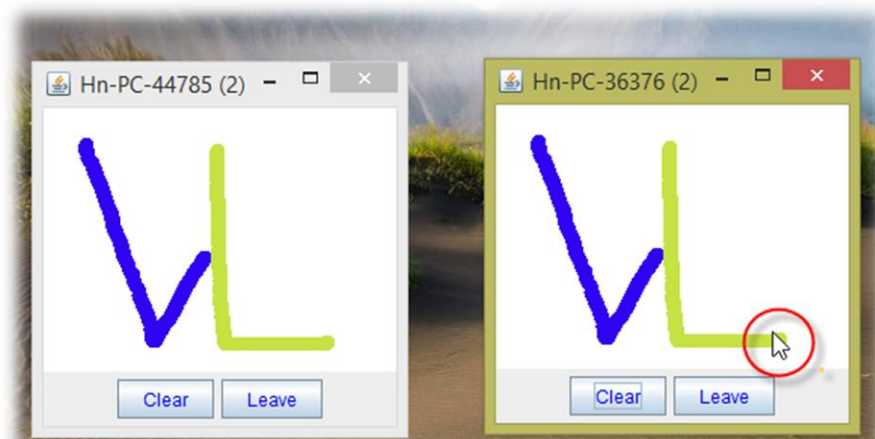
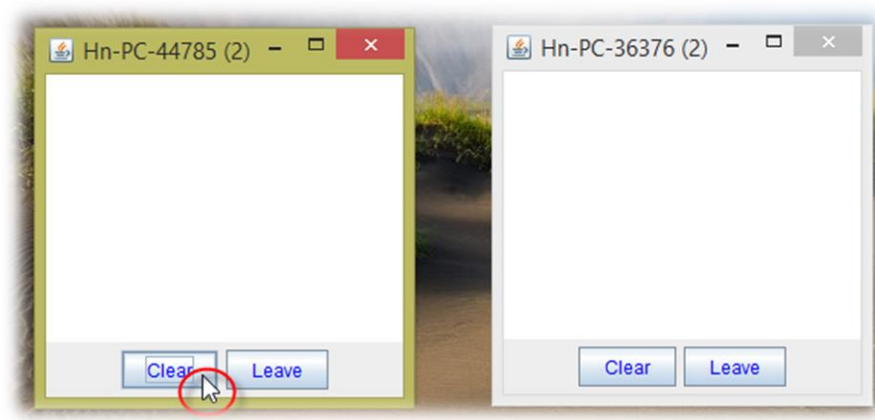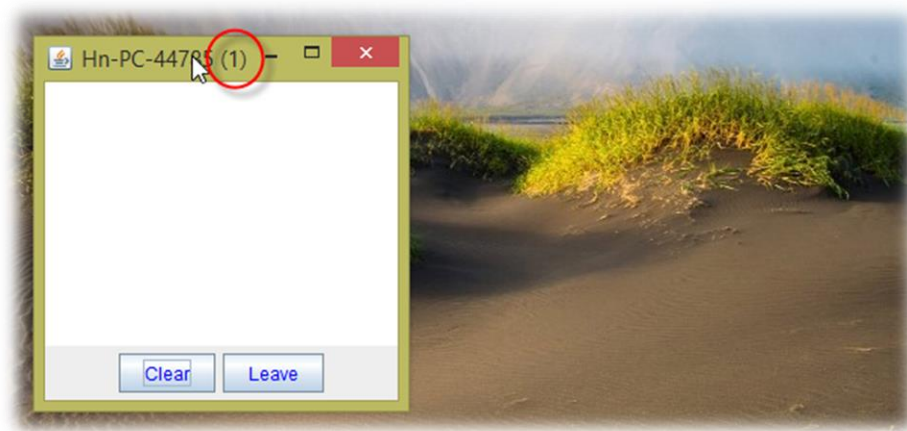*Figure 1*

Figure 2

Figure 3

Figure 4

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