

Paint/Auction House

This is a desktop application composed of 2 tabs. On the first tab there is a basic paint application and on the second tab is an auction house application. Those two were developed WinForms and for storing the data, Microsoft SQL Server was used.

The Paint application is formed from a panel for the canvas, a panel with the colors and a panel with the painting tools. The user can select any color or any painting tool to draw on the canvas, the progress can be saved at any point either by clicking on File->Save or by pressing the CTRL+S shortcut. The user can create a new canvas either by clicking on File->New or by pressing the CTRL+N shortcut. When drawing the user can undo the recent drawn thing either by clicking on Edit->Undo or by pressing the CTRL+Z shortcut, or he can insert a photo either by clicking on Edit->Insert or by pressing the CTRL+I shortcut. The painting tools are the following:

- Pencil - standard pencil;
- Eraser - standard eraser;
- Line - draws a straight line between two points;
- Rectangle - draws a rectangle of any size;
- Circle - draws a circle of any size.
- -/+ - changes the width of the drawn lines (works for every tool).

The Auction House application starts with a login page. The user can choose to login as an administrator, a seller or an auctioneer. The administrator can add sellers and auctioneers to the corresponding database tables, the sellers can add objects to the Objects table and select the winner of auctioned object, the auctioneers can only add a bid for object that are auctioned.