**Requirement Analysis**

* Some sort of GUI - **High, with ranging perks?**
  + Changing to pens, pen-thickness, pen-colors - **Low**
  + Changing to text, choose text size, text color - **Low**
  + Changing to shapes, choose shape, size, color - **Low**
  + File management - **High**
    - Create new pad
    - Delete pad
    - Save current pad
    - Load a previous pad
  + RGB Sliders - **Low**
* Ability to draw with mouse cursor - **High**
* Ability to change color of pen **- LOW**
* Ability to change brush thickness **-LOW**
* Ability to change background color **- Low**
* Ability to save to “.pad” file extension **- MEDIUM**
* User can draw shapes from pre-defined templates - **Medium**
  + Ex: star, rectangles, nonagons, etc
* User can change the dimensions of the pad and this setting is remembered - **Low**
* User can type text onto the pad - **Medium**
* Ability to change the size and color of the text **- Low**
* Upload and draw on a picture - **Non-functional**