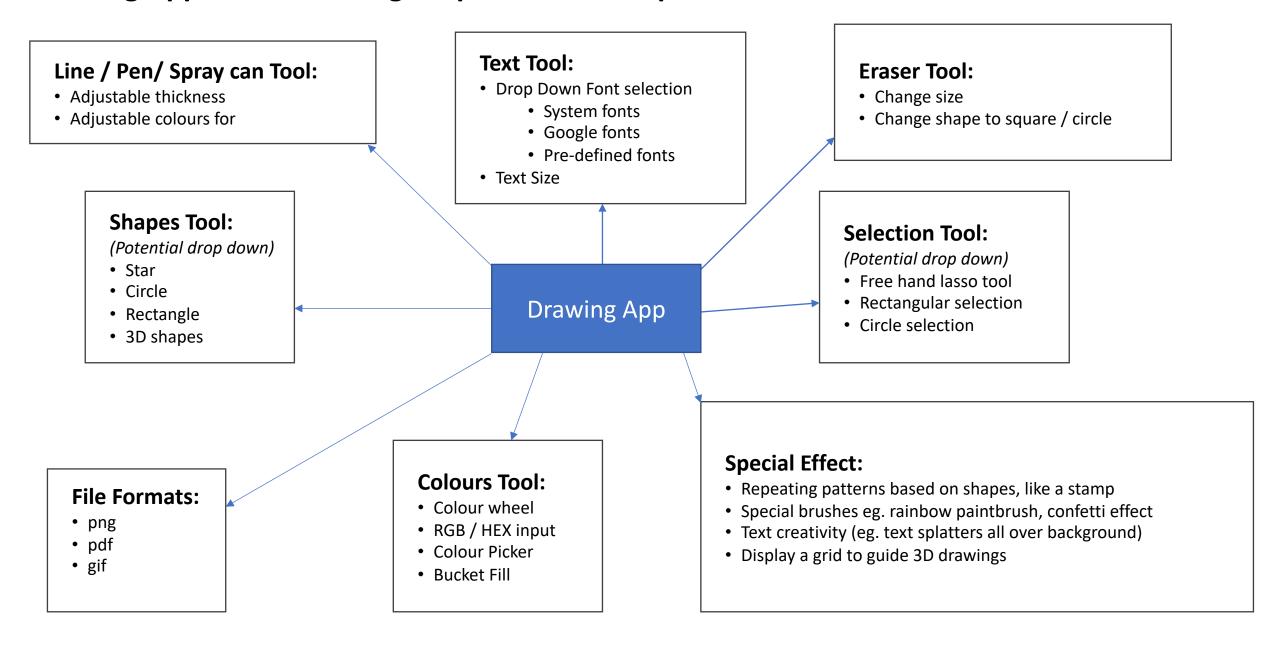
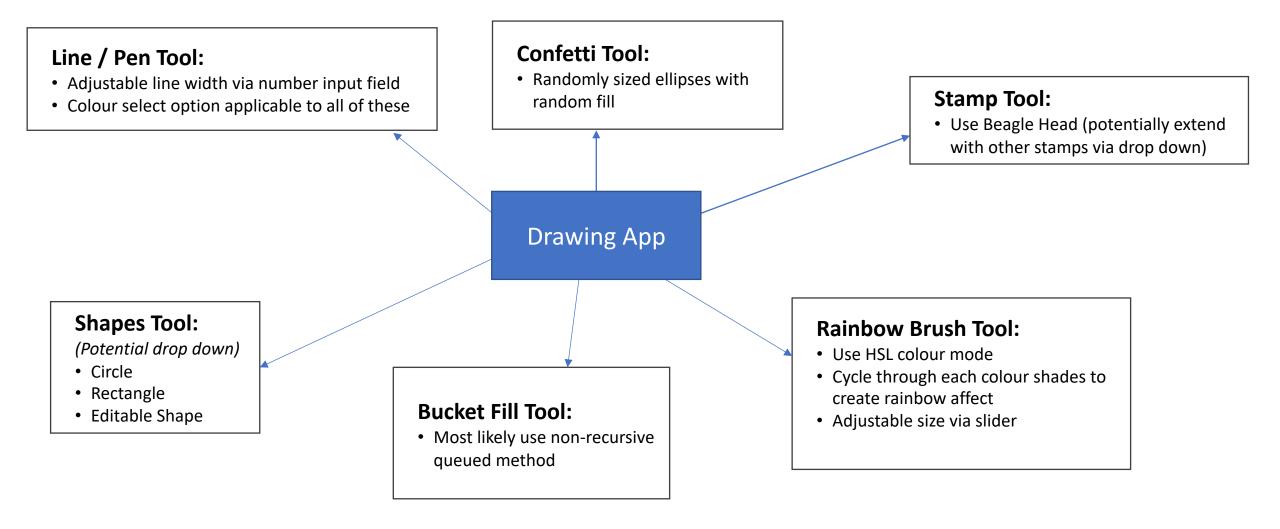
Drawing App: Brainstorming for potential tools pre-research ideas



Drawing App: Post research tools/extension to implement



Drawing App: Relation between tools and extensions

Slider: Adjust size

- Stamp tool
- Rainbow brush tool

Adjust colour

- Line Tool
- Editable shape tool
- Bucket fill tool
- Mirror tool

input: Adjust width

- Line tool
- Freehand tool
- Mirror tool

Drawing App: Interface design sketch

Slider: Adjust size

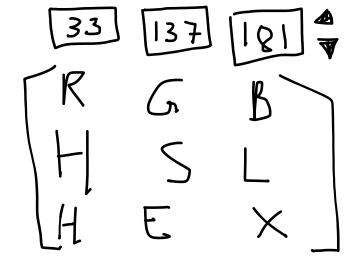
- Stamp tool
- Rainbow brush tool



Adjust colour

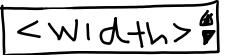
- Line Tool
- Editable shape tool
- Bucket fill tool
- Mirror tool





input: Adjust width

- Line tool
- Freehand tool
- Mirror tool



Drawing App: Difficulty ranking for tool / extensions

Easy

Tools

- Stamp tool
- Rainbow brush tool
- Rainbow brush tool

Extensions

- Size adjustment slider
- Line width input field
- Colour wheel with RGB, HEX and HSL values

Medium

Interface Design

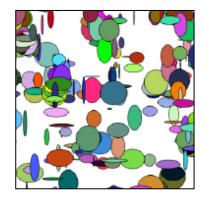
 Drop down menu for selection geometric shapes and editable shape

Hard

Tools

- Editable shape tool using vertex
- Bucket fill tool

Drawing App: Icon design for additional tools



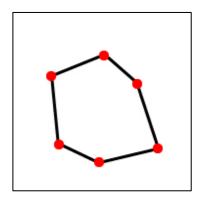
Confetti tool



Rainbow brush tool



Bucket fill tool



Editable shape tool



Stamp tool
(If more stamps will
be added, remove
beagle head and use
stamp only)

Drawing App: Time management via Gantt chart (excel file and large screenshot included in documentations folder for easier viewing)

ITP2 - Drawing App

by Kerstin Kegel												
	Project Start:	Mon, 4/1/2021										
		1		4 Jan 2021	11 Jan 2021	18 Jan 2021	25 Jan 2021	1 Feb 2021	8 Feb 2021	15 Feb 2021	22 Feb 2021	1 Mar 2021
TASK	PROGRESS	START	END	4 5 6 7 8 9 M T W T F S	10 11 12 13 14 15 16 1 S M T W T F S	17 18 19 20 21 22 23 2 S M T W T F S S	4 25 26 27 28 29 30 31 5 M T W T F S S	1 2 3 4 5 6 7 M T W T F S S	8 9 10 11 12 13 1 M T W T F S	14 15 16 17 18 19 20 3 S M T W T F S	1 22 23 24 25 26 27 2 5 M T W T F S :	8 1 2 3 4 5 6 7 S M T W T F S S
Size Slider for Stamp Tool	100%	4/1/21	6/1/21									
Size Slider for Rainbow Brush Tool	100%	6/1/21	7/1/21									
Number input field for line width: freehand tool	100%	7/1/21	8/1/21									
Number input field for line width: line tool	100%	7/1/21	8/1/21									
Colour Wheel with input for RGB, HEX, HSL codes	25%	13/1/21	17/1/21									
Tools												
Stamp tool - Beagle	100%	4/1/21	6/1/21									
Rainbow Brush Tool	100%	6/1/21	7/1/21									
Editable Shape Tool	20%	13/1/21	24/2/21									
Bucket Fill Tool	20%	13/1/21	24/2/21									
Confetti Tool	100%	8/1/21	9/1/21									
Geometric Shape Tool (Rectangle, Circle)	20%	13/1/21	18/1/21									
Interface Design												
Tool Icons (Rainbow, Stamp, Confetti, Editable Shape, Bucket Fill)	100%	4/1/21	5/1/21									
Drop Down Menu for Geometric Shape	15%	6/1/21	10/1/21									
Slider Positioning / Design	100%	5/1/21	6/1/21									
Input Field Positioning / Design	100%	7/1/21	8/1/21									
Colour Wheel Design Positioning (CSS / HTML)	90%	10/1/21	12/1/21									
Debugging												
Test entire application & iron out last bugs		25/2/21	2/3/21									