

Midterm Report

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1 Team members' responsibility

Jingying Yin:

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- Web visualization design, the script of our website

Yining Zhang:

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- Build online database, interaction between website and database

2 Project Checklist

Table 1: Checklist

Date	content	status
9.18,2019	Finish our proposal	Finished
9.28,2019	Build our online database	Finished
10.8,2019	Website UI	Finished
10.18,2019	Show the data set on the front page	On-going

3 The online database:

We use the MySQL as our online database. Then we out our data up to MySQL in EC2. The following is a screenshot for our database.

	app	category	rating	reviews	size	install
1	Photo Editor & Candy Camera & Grid & ScrapBook	ART_AND_DESIGN	4.1	159	19M	10,000+
2	Coloring book moana	ART_AND_DESIGN	3.9	967	14M	500,000+
3	U Launcher Lite FREE Live Cool Themes, Hide Apps	ART_AND_DESIGN	4.7	87510	8.7M	5,000,000+
4	Sketch - Draw & Paint	ART_AND_DESIGN	4.5	215644	25M	50,000,000+
5	Pixel Draw - Number Art Coloring Book	ART_AND_DESIGN	4.3	967	2.8M	100,000+
6	Paper flowers instructions	ART_AND_DESIGN	4.4	167	5.6M	50,000+
7	Smoke Effect Photo Maker - Smoke Editor	ART_AND_DESIGN	3.8	178	19M	50,000+
8	Infinite Painter	ART_AND_DESIGN	4.1	36815	29M	1,000,000+
9	Garden Coloring Book	ART_AND_DESIGN	4.4	13791	33M	1,000,000+
10	Kids Paint Free - Drawing Fun	ART_AND_DESIGN	4.7	121	3.1M	10,000+
11	Text on Photo - Fontee	ART_AND_DESIGN	4.4	13880	28M	1,000,000+
12	Name Art Photo Editor - Focus n Filters	ART_AND_DESIGN	4.4	8788	12M	1,000,000+
13	Tattoo Name On My Photo Editor	ART_AND_DESIGN	4.2	44829	20M	10,000,000+
14	Mandala Coloring Book	ART_AND_DESIGN	4.6	4326	21M	100,000+
15	3D Color Pixel by Number - Sandbox Art Coloring	ART_AND_DESIGN	4.4	1518	37M	100,000+
16	Learn To Draw Kawaii Characters	ART_AND_DESIGN	3.2	55	2.7M	5,000+
17	Photo Designer - Write your name with shapes	ART_AND_DESIGN	4.7	3632	5.5M	500,000+
18	350 Diy Room Decor Ideas	ART_AND_DESIGN	4.5	27	17M	10,000+
19	FlipaClip - Cartoon animation	ART_AND_DESIGN	4.3	194216	39M	5,000,000+
20	ibis Paint X	ART_AND_DESIGN	4.6	224399	31M	10,000,000+
21	Logo Maker - Small Business	ART_AND_DESIGN	4	450	14M	100,000+
22	Boys Photo Editor - Six Pack & Men's Suit	ART_AND_DESIGN	4.1	654	12M	100,000+
23	Superheroes Wallpapers 4K Backgrounds	ART_AND_DESIGN	4.7	7699	4.2M	500,000+
24	Mcqueen Coloring pages	ART_AND_DESIGN	0	61	7.0M	100,000+
25	HD Mickey Minnie Wallpapers	ART_AND_DESIGN	4.7	118	23M	50,000+
26	Harley Quinn wallpapers HD	ART_AND_DESIGN	4.8	192	6.0M	10,000+
27	Colorfit - Drawing & Coloring	ART_AND_DESIGN	4.7	20260	25M	500,000+
28	Animated Photo Editor	ART_AND_DESIGN	4.1	203	6.1M	100,000+

Figure 1: The screenshot for our database

4 The website

We have created our website for the data. We have finished the primary format of our website, and we will implement the appearance of the website in the future. This is the screenshot for our website.

Google Play

Raw Data

Raw Data Will Show Here

Analyze

Google Play Data

App	Category	Rating	Reviews	Size	Installs	Type	Price	Content Rating	Genres	Last Update	Current Version	Android Version
Jingying Yin & Yining Zhang												

Figure 2: The screenshot for our website

5 The future work

We are still working on showing our data to the front page of the website. After finishing connecting the data to our website, we will create mathematical models and analyze the dataset. Then, we will put the visualization charts and graphs on the web page.

6 Problems and needs for help

We now have a problem on uploading the dataset from dataset to our website. If you could help us we will appreciate.