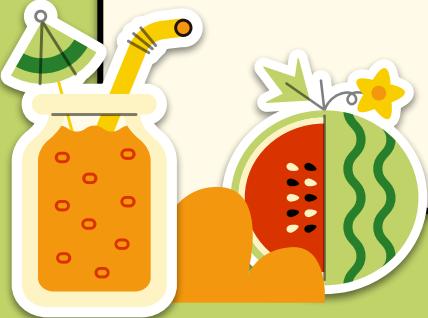


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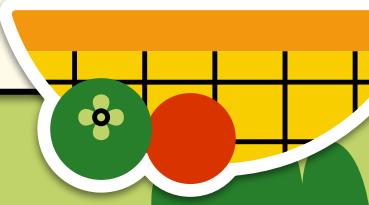
Fridge Food Log

Liana Ma, Tobenna Okoli, Michelle Kieu



#1

Inspiration





What & How

Fridge Food Log is a website that helps students keep track of what's in their fridge as well as the expiration date of those foods

We created Fridge Food Log using HTML, CSS, JavaScript and mySQL for the database.



A mockup of the Fridge Food Log interface. The top navigation bar is light blue with the word "Inventory" on the right. Below it is a teal header section with a white plus sign icon on the left. The main area contains three horizontal shelves: "Shelf 1" (light blue), "Shelf 2" (light blue), and "Freezer Shelf" (blue). At the bottom are two red buttons labeled "Add Shelf" and "Add Food".



Add Item & Inventory Page

Users can enter the name of a food, the amount, and expiration date and add it to the inventory

Name:

Amount:

Expiration Year:

Expiration Month:

Expiration Day:

Enter the item to put in the fridge:

Name:

Amount:

Expiration Year:

Expiration Month:

Expiration Day:

ADD TO INVENTORY

Items in Inventory:

- Name: Apple, Amount: 1, Expiration Year: 2023, Expiration Month: 10, Expiration Day: 31



Three APIs:

- ❖ find all items in fridge
- ❖ find a specific item in
fridge with id
- ❖ add items to fridge

Spring Boot REST API

```
no usages  ↳ Yueen_Ma
21
22 >     @GetMapping
23     public List<Item> findAllItems() { return ItemRepository.findAll(); }
24
25
26     no usages  ↳ Yueen_Ma
27     @GetMapping("/{id}")
28     public ResponseEntity<Item> findItemById(@PathVariable(value = "id") long id) {
29         Optional<Item> item;
30         item = ItemRepository.findById(id);
31
32         if(item.isPresent()) {
33             return ResponseEntity.ok().body(item.get());
34         } else {
35             return ResponseEntity.notFound().build();
36         }
37     }
38
39     no usages  ↳ Yueen_Ma
40     @PostMapping
41     public Item saveItem(@Validated @RequestBody Item item) {
42
43         return ItemRepository.save(item);
44     }
```





Database

❖ MySQL

Result Grid | Filter Rows: Edit: Export/Import:

	id	name	amount	expiration_year	expiration_month	expiration_day
▶	1	apple	2	2024	11	23
*	2	milk	1	2023	12	11
*	NULL	NULL	NULL	NULL	NULL	NULL

localhost:8080

← → C ⓘ localhost:8080

```
[{"id":1,"name":"apple","amount":2.0,"expiration_year":2024,"expiration_month":11,"expiration_day":23}, {"id":2,"name":"milk","amount":1.0,"expiration_year":2023,"expiration_month":12,"expiration_day":11}]
```



What's Next?



Improving Database

We want to make a more functional database



Improving UI/UX

We want to make the website more user friendly



Creating Mobile App

Making a mobile app

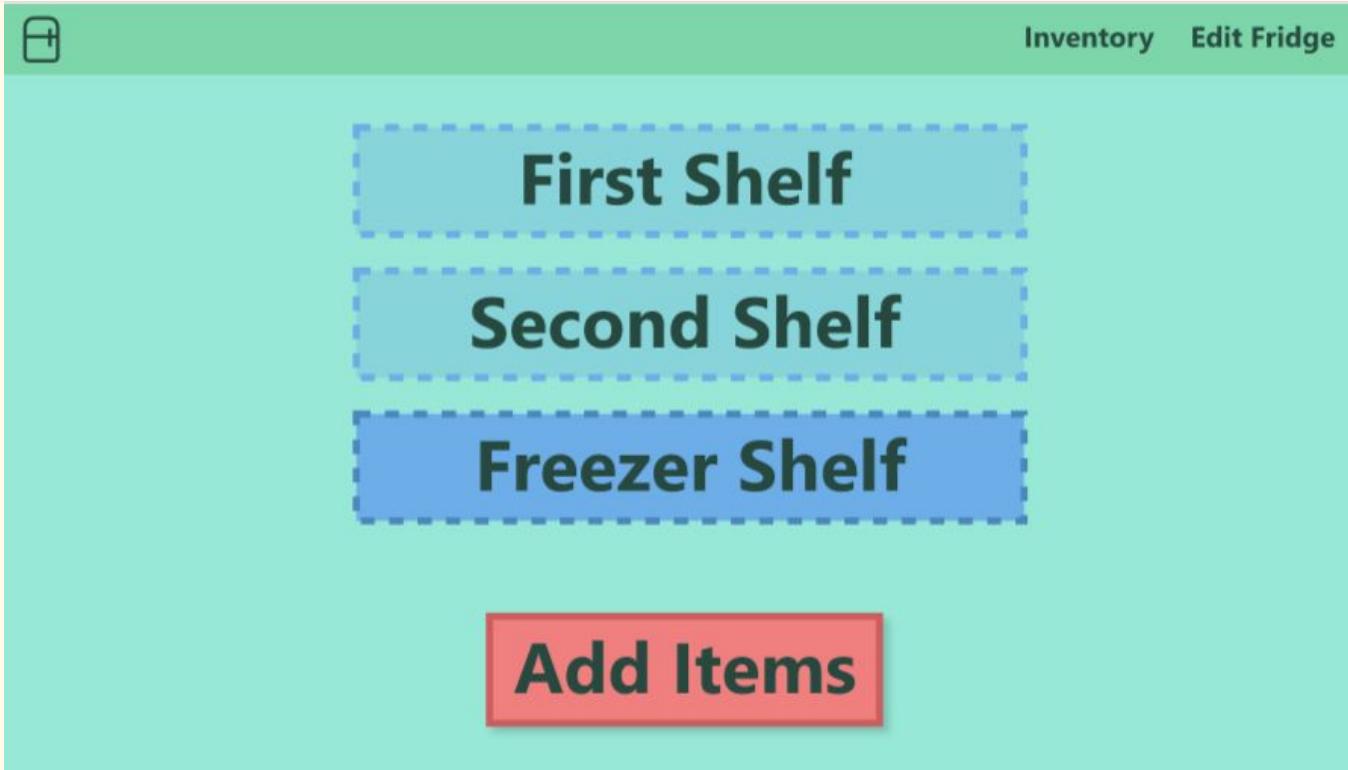


Mockup Example

<https://xd.adobe.com/view/68ca8aea-5c34-483d-a4d6-d7a8a0f468c0-3d99/>



Mockup Screenshots: Homepage



A mockup of a refrigerator homepage interface. At the top, there's a navigation bar with a logo icon on the left and 'Inventory' and 'Edit Fridge' buttons on the right. Below the navigation bar, there are three main sections labeled 'First Shelf', 'Second Shelf', and 'Freezer Shelf', each enclosed in a dashed blue border. At the bottom center is a large red rectangular button labeled 'Add Items'.

Inventory Edit Fridge

First Shelf

Second Shelf

Freezer Shelf

Add Items



Mockup Screenshots: Add Item



Inventory Edit Fridge

Food Name <input type="text"/>	Expiration Day <input type="text"/>	Expiration Month <input type="text"/>	Expiration Year <input type="text"/>
Amount <input type="text"/>	Comment <input type="text"/>	Add Item to Inventory	



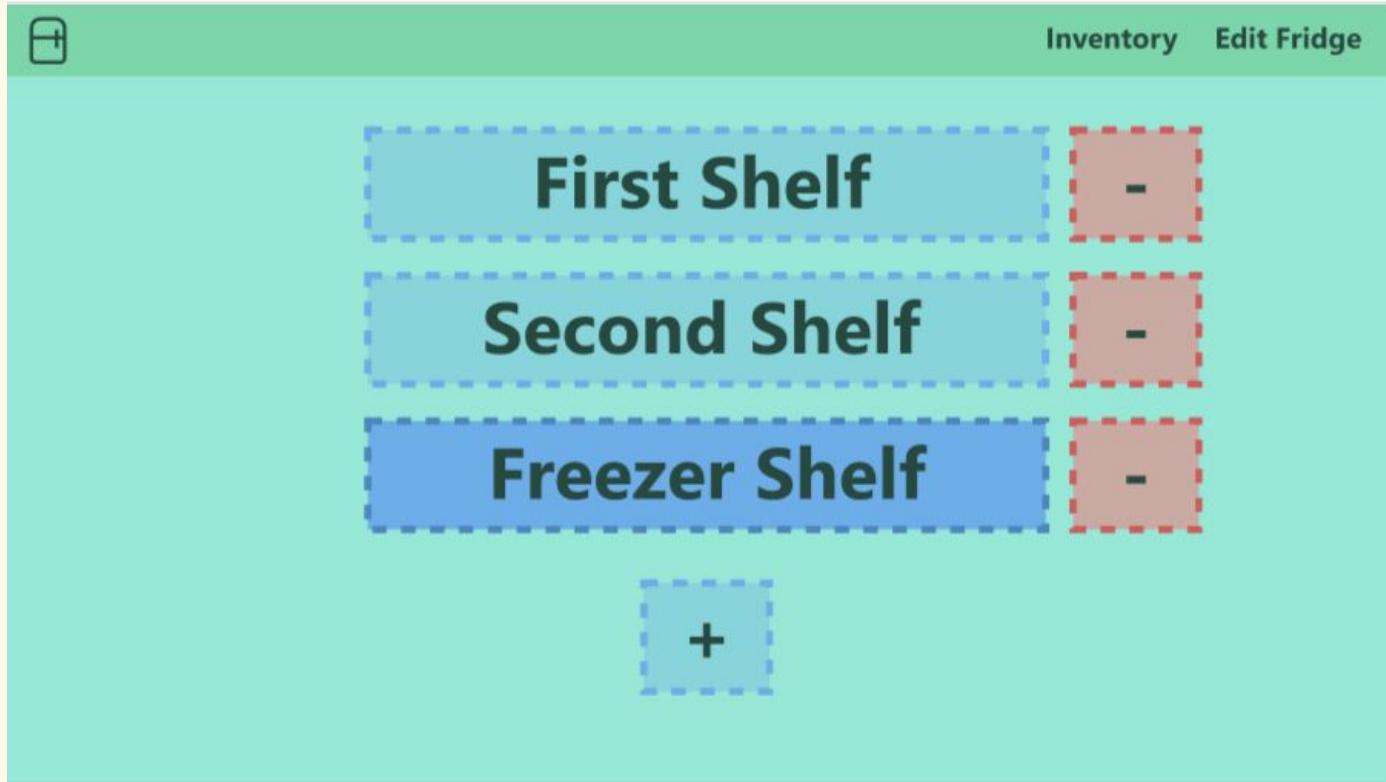
Mockup Screenshots: Inventory

The screenshot shows a mobile application interface for managing a refrigerator inventory. At the top, there is a green header bar with a small icon on the left, the text "Inventory" in the center, and "Edit Fridge" on the right. Below the header is a table with a light blue background. The table has a header row with columns labeled "Food Name", "Amount", "Expiration Date", "Comment", and "Edit Item". There are three data rows: 1. Apple, 1, 10/31/2023, my crisp gala apple, ... 2. Yogurt, 4 oz, 11/14/2023, vanilla from Aldi, ... 3. Chips, 1, 12/30/2023, 1 big bag, ... At the bottom of the table is a large red rectangular button with the text "Add Items" in white.

Food Name	Amount	Expiration Date	Comment	Edit Item
Apple	1	10/31/2023	my crisp gala apple	...
Yogurt	4 oz	11/14/2023	vanilla from Aldi	...
Chips	1	12/30/2023	1 big bag	...

Add Items

Mockup Screenshots: Edit Shelves



Thanks!

Do you have any
questions?

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Amico



Bro



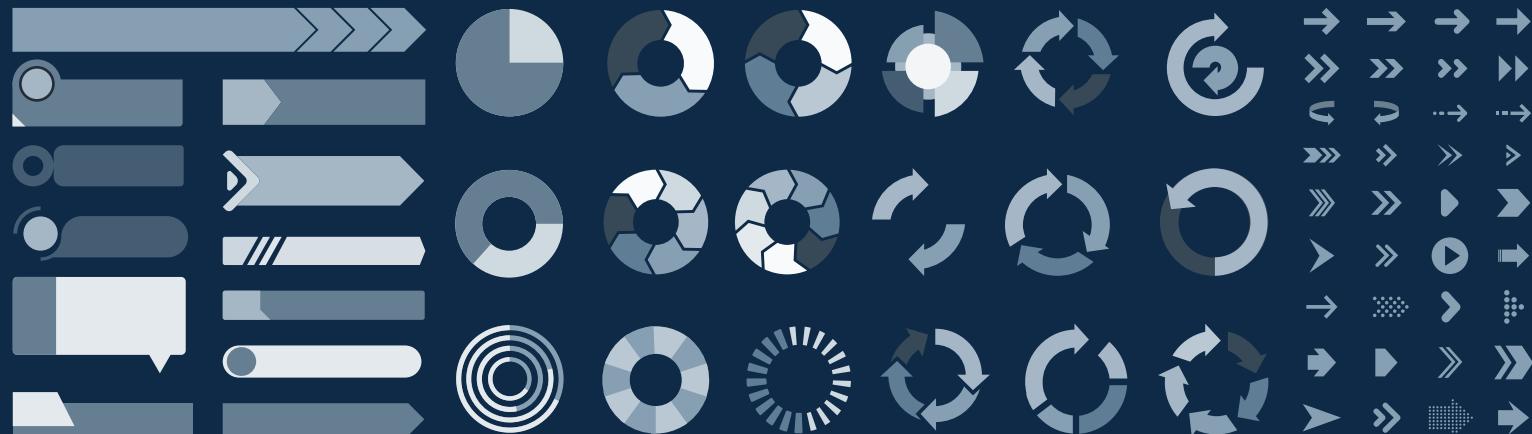
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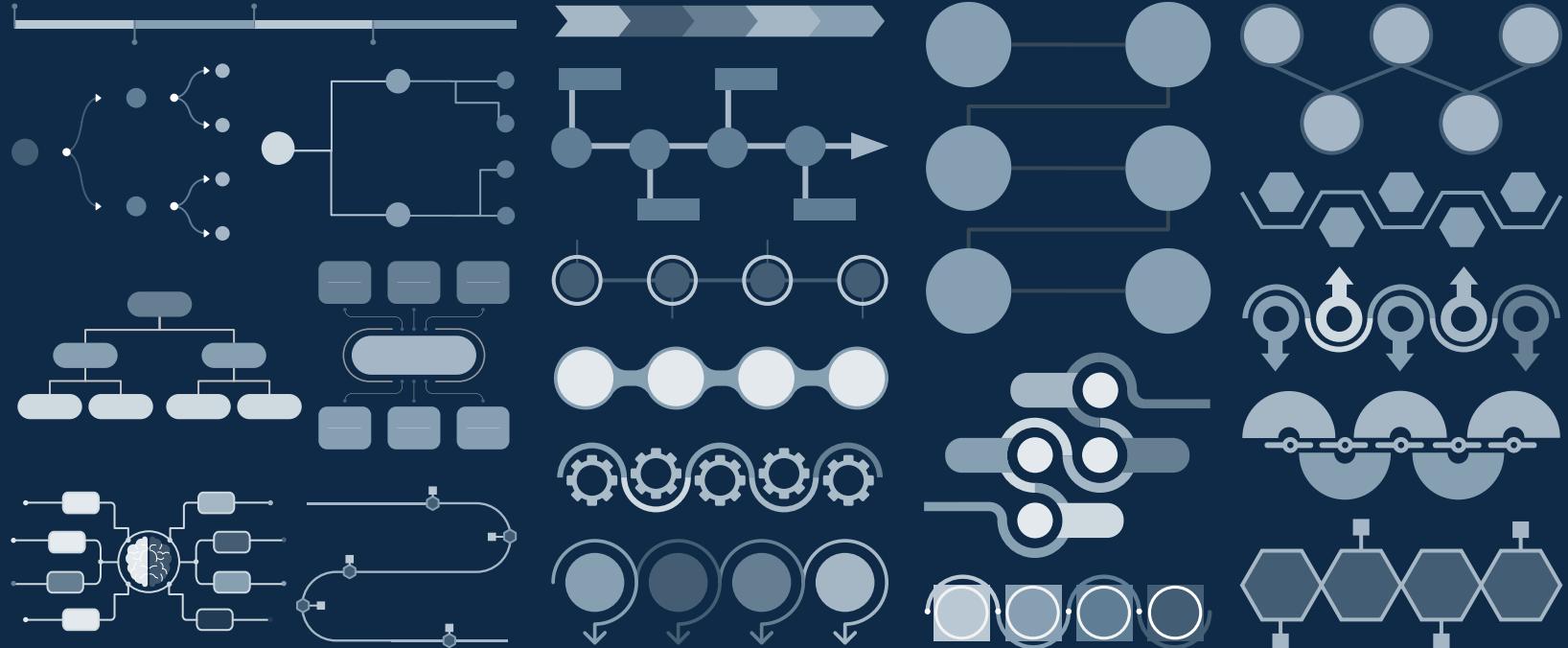
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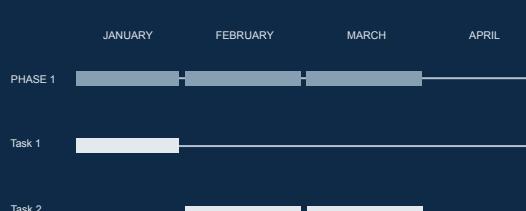
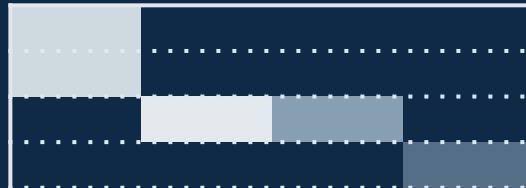
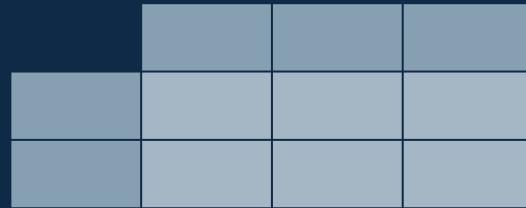
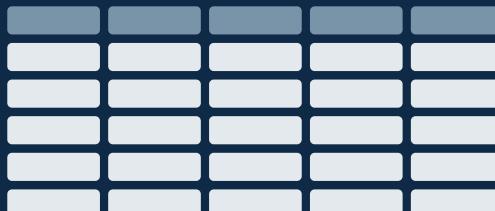
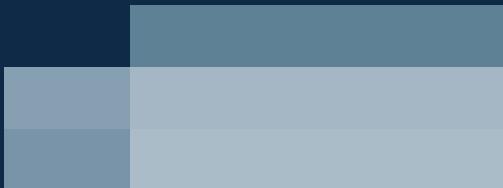
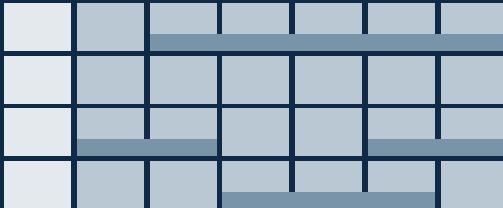
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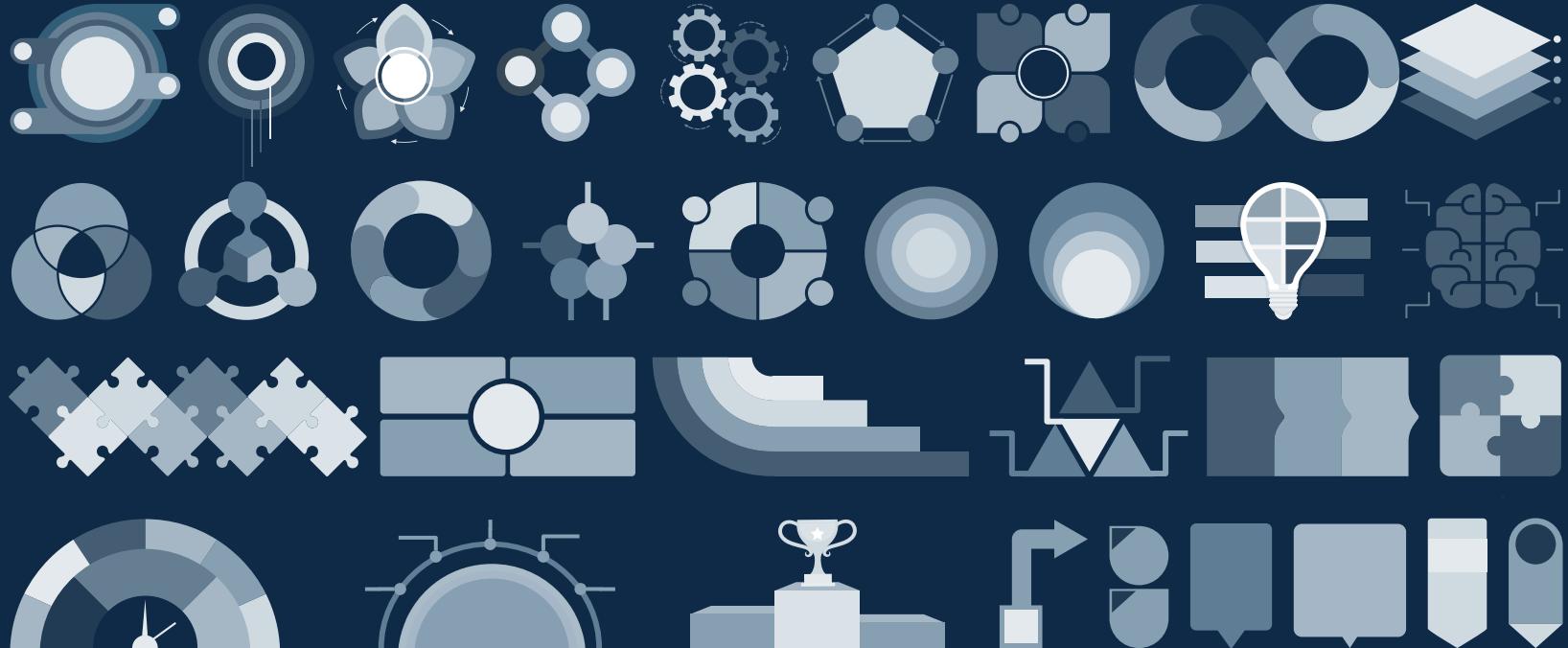
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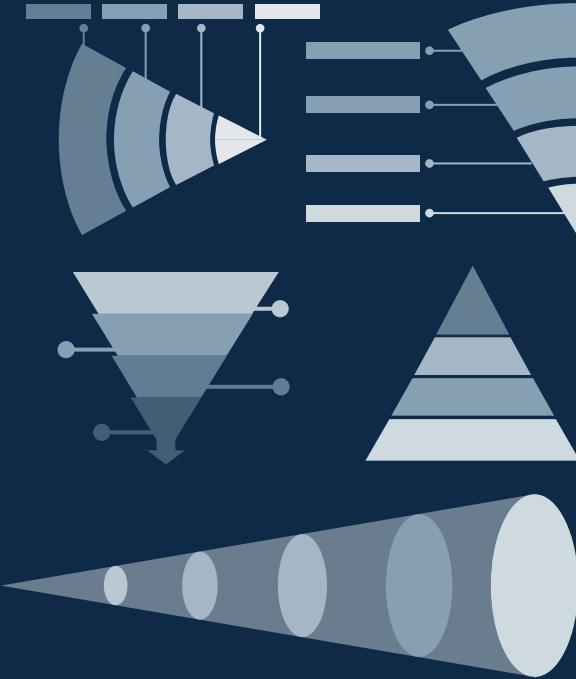
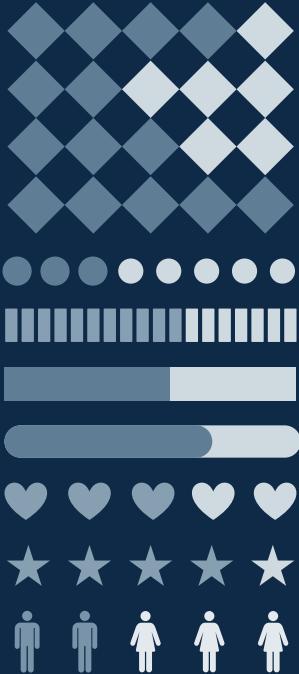
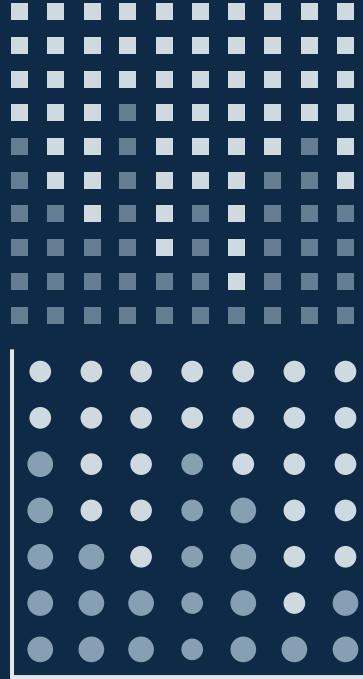












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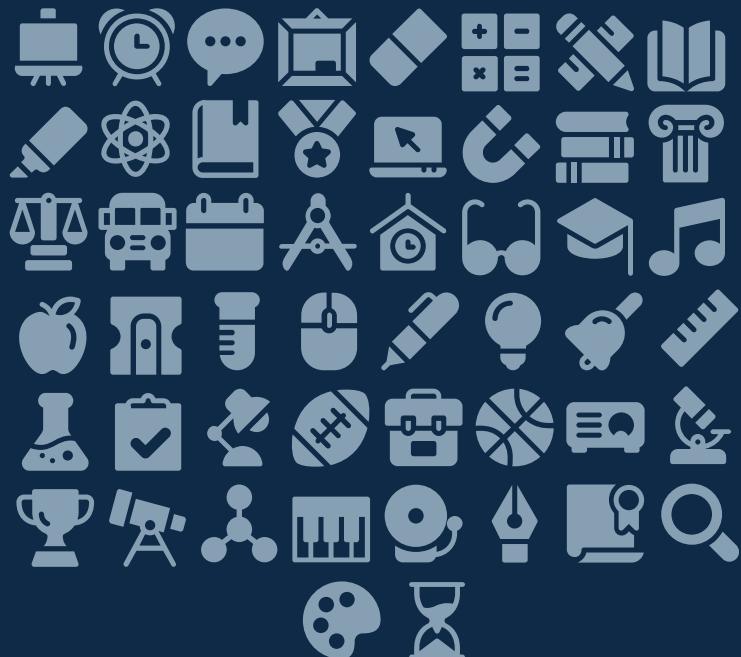
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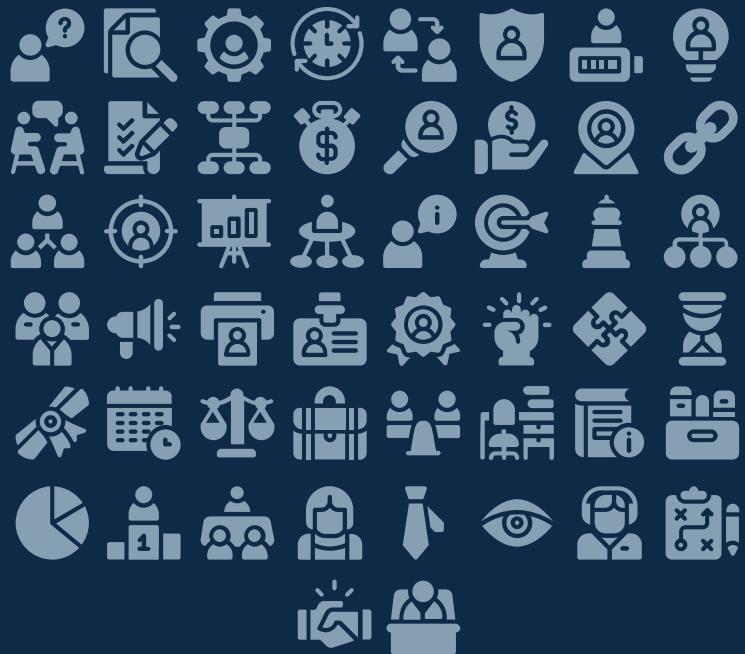
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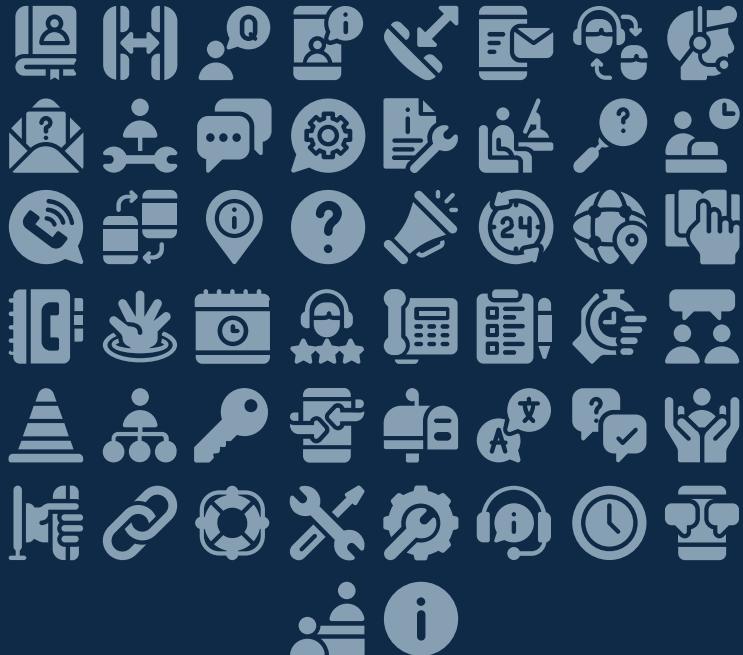
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