Software Project Management (SE3080): Assessment 2

Interfaces of the Proposed System

	Group No	2021S2_REG_WE_57
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Function(s) **Note**: Include the functions required to complete for **sprint 1 & sprint 2**	**Sprint 1** • Add phone • Add chipset entries • View all phone entries • Delete phone entries **Sprint 2** • Delete chipset entries • Phone search • Filter phones • View phone entries.

	Picture of interface 1	**Brief description of interface 1**
Sprint 1		**Purpose**: This interface will be used to add phone entries into the system. **Flow**: The user has to enter the phone entry details in this interface. User can upload a photo of the phone. The chipset will be available for the user to select from a dropdown. Once the details are filled the user will click add phone to save the phone entry. If needed the user can reset the form using reset button. **Good practices**: • The form can be filled downwards. • User does not need to enter the chipset manually. Instead, it can be chosen from a dropdown • Reset button is present to reset the from.

NetGarage-Phones

NetGarage | Phones | Laptops | Contact

Admin | Phones | Laptops | Users

Major Details

Phone name and brand

Brand
Samsung

Image

Select Image

Network

Technology

Body

Dimensions

Weight

Build

SIM

Display

Type

Size

Resolution

Protection

Software

OS

Chipset

Chipset

Qualcomm SM8350 Snapdragon 888 5G (5 nm)

Storage and Memory

Memory and Storage Combinations

Card Slot

Camera

Main Camera

Camera Details

Video

Features

Selfie Camera

Camera Details

Video

Features

Audio

Loud Speaker

3.5mm Jack

Communications

WLAN

Bluetooth

GPS

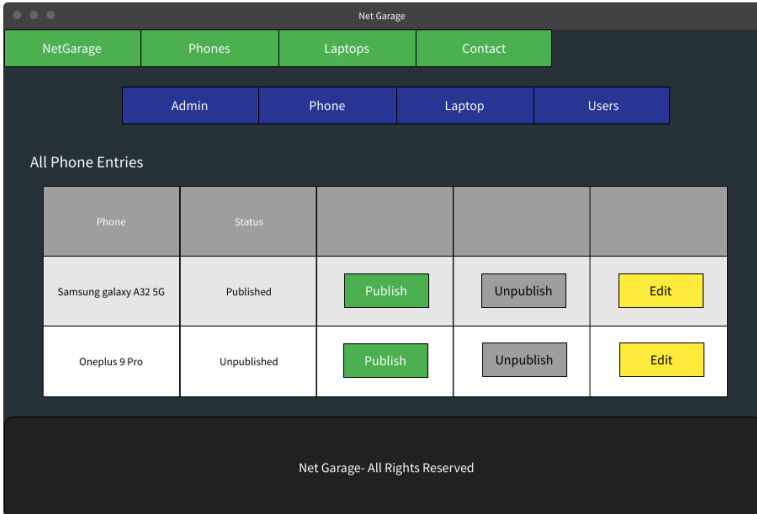NFC

Radio

Radio

Sensors

Sensors
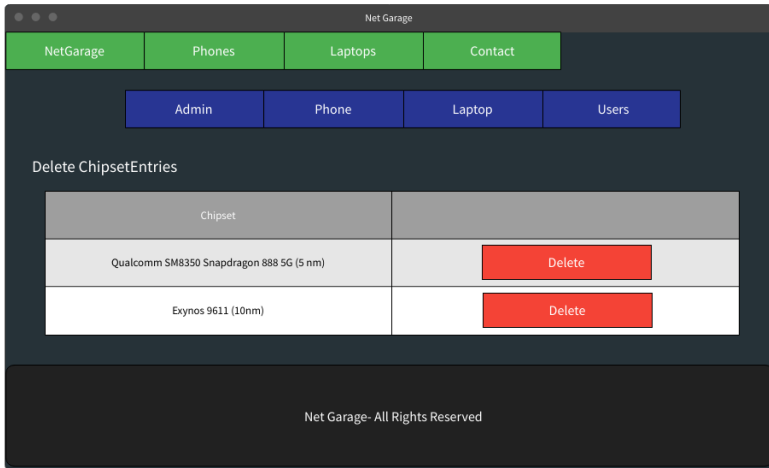
Battery

Type

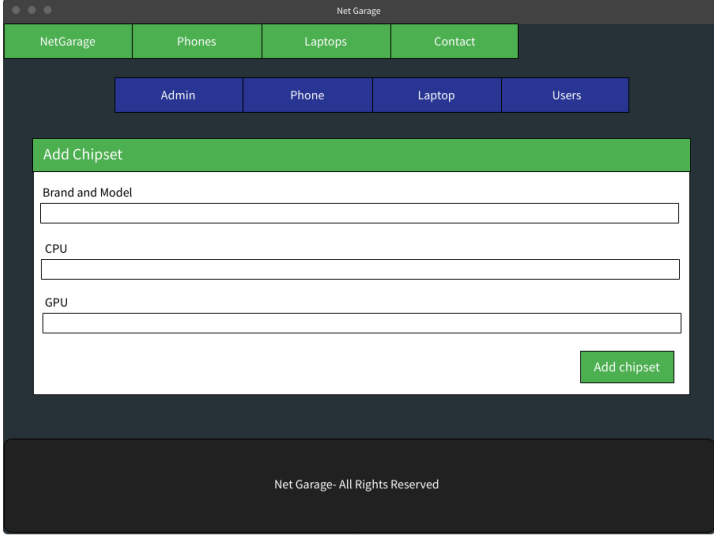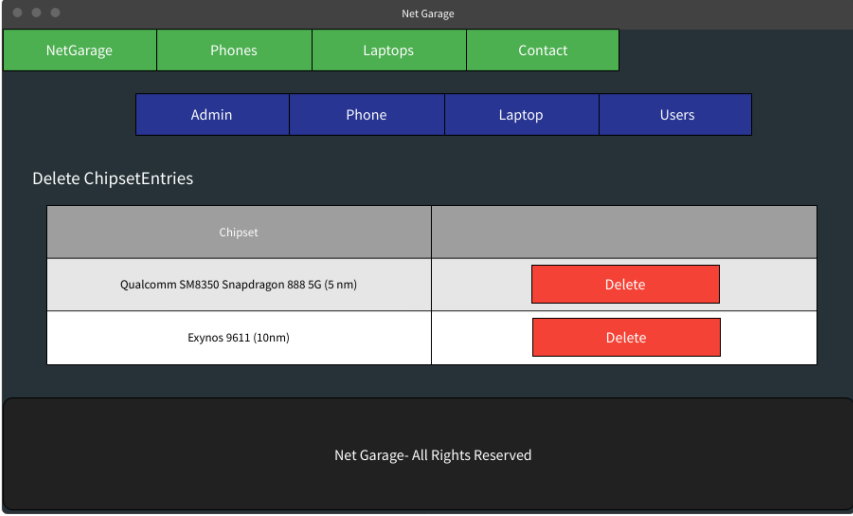Charging

Miscellaneous

Colors

Models

SAR EU

Reset | Add Phone

Picture of interface 2	Brief description of interface 2
	Purpose: View all the phone entries as admin, edit the phone status and edit the phone entry. **Flow**: Admin user can view all the phone entries and see their status. Admin user can publish/ unpublish phone entries from here and edit phone entries by clicking edit button **Good practices**: • All the phone entries are displayed in a tabular format. • Buttons are separately available • Buttons are matched with color according to their functions.
Picture of interface 3	Brief description of interface 3
	Purpose: Admin user can delete phone entries from this interface. **Flow**: All the phone entries are available for the admin user and he/she can delete the phone entry using the delete button available for each entry. Confirmation will asked before deleting an entry. **Good practices**: • All phone entries are displayed in a tabular format. • Delete button is colored in red. • Confirmation is asked before deleting an entry.
Picture of interface 4	Brief description of interface 4

			Purpose: This interface can be used to add chipsets.
			Flow: Admin user can enter the chipset details and click add chipset to save the chipset entry. The chipset details will be available in the add phone form.
			Good practices: • The form can be filled downwards. • Add chipset button is color coded according to the functionality.
		Picture of the interface_5	**Brief description of interface_5**
Sprint 2			**Purpose**: This interface can be used to delete the chipset entries if needed. **Flow**: The admin user can view all the chipset entries and delete ones if needed using the delete button. Confirmation will be asked before deleting an entry. **Good practices**: • All the chipset entries can be viewed • Delete button is colored red. • Confirmation is required before deleting an entry.
		Picture of the interface_6	**Brief description of interface_6**

Net Garage - Phones

NetGarage	Phones	Laptops	Contact

Samsung Galaxy A32 5G

Screen	Chipset
6.5"	Dimensity 720 5G

Camera	Battery
48MP	5000 mAh

Network

Technology	GSM /CDMA/HSPA/LTE/5G

Body

Dimensions	164.2 x 76.1 x 9.1 mm
Weight	205g
Build	Glass front (Gorilla glass), plastic frame , plastic back
SIM	Single SIM (nano SIM) or Hybrid Dual SIM (Nano SIM , Dual Stand-by)

Display

Type	TFT
Size	6.5 inches, 102.0 cm2 (~81.6% screen-to-body ratio)
Resolution	720 x 1600 pixels, 20:9 ratio (~270 ppi density)
Protection	Corning Gorilla Glass 5

Software

OS	Android 11, OneUI 3.1

Chipset

Chipset	MediaTek MT6853 Dimensity 720 5G (7 nm)
CPU	Octa-core (2x2.0 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55)
GPU	Mali-G57 MC3

Storage and Memory

Memory & Storage combinations	64GB 4GB RAM, 128GB 4GB RAM, 128GB 6GB RAM, 128GB 8GB RAM
Card Slot	microSDXC (uses shared SIM slot)

Camera

Main Camera - Quad

48 MP, f/1.8, 26mm (wide), 1/2.0", 0.8µm, PDAF
8 MP, f/2.2, 123˚, (ultrawide), 1/4.0", 1.12µm
5 MP, f/2.4, (macro)
2 MP, f/2.4, (depth)

Selfie Camera - Single

13 MP, f/2.2, (wide), 1/3.1", 1.12µm

Video	4K@30fps, 1080p@30/120fps	Video	4K@30fps, 1080p@30/120fps
Features	LED flash, panorama, HDR	Features	LED flash, panorama, HDR

Audio

Loudspeaker	Yes
3.5mm Jack	Yes

Communications

WLAN	Wi-Fi 802.11 a/b/g/n/ac
Bluetooth	5.0, A2DP, LE
GPS	Yes, with A-GPS, GLONASS, GALILEO, BDS
NFC	Yes (market/region dependent)
Radio	FM radio
USB	USB Type-C 2.0, USB On-The-Go

Sensors

Sensors	Fingerprint (side-mounted), accelerometer, gyro, compass , Virtual proxim...

Battery

Type	Li-Ion 5000 mAh, non-removable
Charging	Fast charging 15W

Miscellaneous

Colors	Awesome Black, Awesome White, Awesome Blue, Awesome Violet
Models	SM-A326B, SM-A326B/DS, SM-A326BR/DS, SM-A326BR, SM-A326U
SAR EU	0.33 W/kg (head) 1.08 W/kg (body)

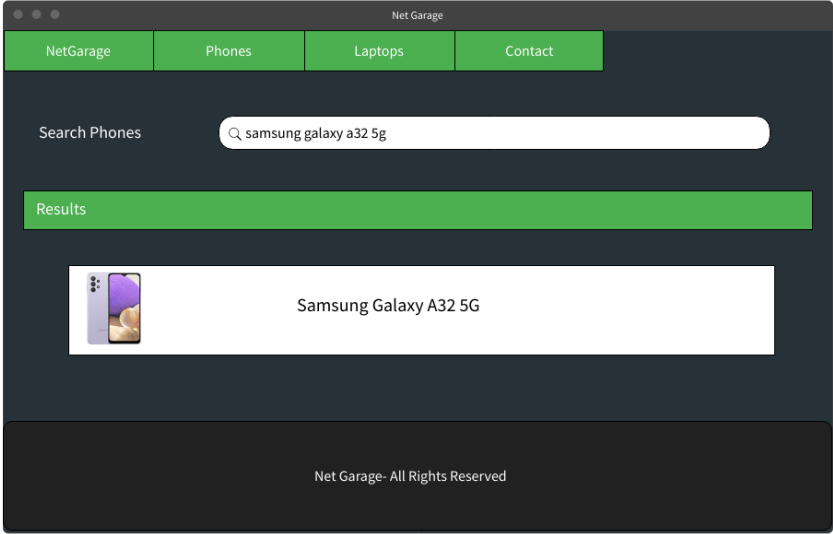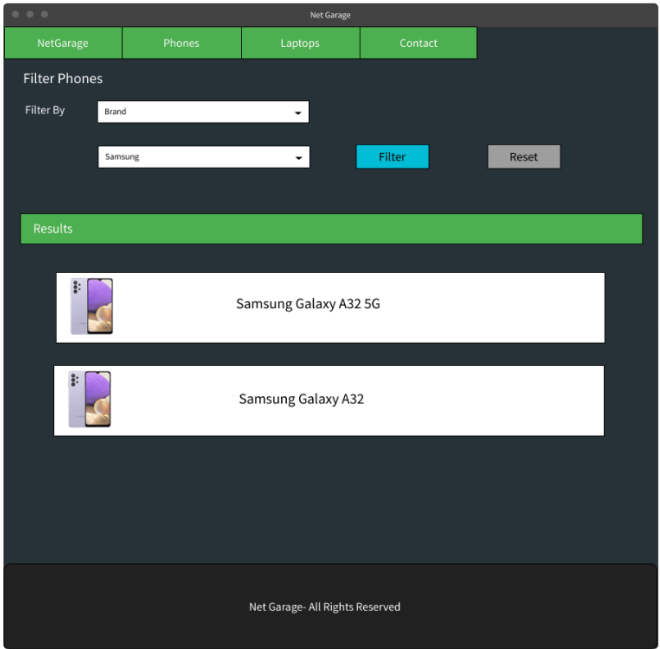**Purpose**: This interface is used to view details of a single phone.

Flow: User can view this interface by clicking a search result. All the details will be presented in proper sections with an image of the phone.

Good practices:
- All the details are displayed in their allocated sections.

	Picture of the interface_7	Brief description of interface_7

Picture of the interface_7	Brief description of interface_7
	Purpose: This interface can be used to search phones. **Flow**: User will enter the search query in the search field. Relevant results will be displayed in the results section. **Good practices**: • Proper amount of space given to the search field • Search results are displayed as single entries as a list.
Picture of the interface_8	**Brief description of interface_8**
	Purpose: This interface can be used to filter phones based on criteria. **Flow**: The user will select a criterion for filtration and then the user will select the filtering category for that particular criterion. Once user clicks the Filter button results will be displayed. Reset button can be used to reset the filter. **Good practices**: • Filter results are displayed as single entries • Reset button is available to reset the filter.

Registration	IT19180526
Student Nam	S. A. N. L. D. Chandrasiri
Function(s) **Note**: Include the functions required to complete for **sprint 1 & sprint 2**	**Sprint 1** • Add laptop. • View single laptop. • View all laptops. • Add laptop image. **Sprint 2** • Update a laptop. • View all laptops. (Admin) • Delete a laptop. • Search laptops.

	Picture of interface 1	Brief description of interface 1

Sprint 1

| NetGarage | | | | SIGN UP | SIGN IN |

DASHBOARD | MOBILE | LAPTOP | USER

New Laptop

Basic Details

Laptop Name	Manufactured Year
Brand ▼	Operating System ▼
Model	

CPU & Chipset

| Processor ▼ | Generation |
| CPU Model Code | Chipset ▼ |

Memory

| Memory Type ▼ | Maximum Capacity ▼ |
| Slot Type | No of Slots |

Storage

| Bootable Storage Type ▼ | Bootable Storage Capacity ▼ |
| Secondary Storage Type ▼ | Secondary Storage Capacity ▼ |

Display

| Display Size & Resolution | Refresh Rate ▼ |
| Display Type ▼ | |

Graphics

| Brand ▼ | Model |
| Memory Capacity ▼ | Other Features |

Others

Webcam Type & Resolution	Keyboard Details
Communication Details	Audio Details
I/O Ports Details	Battery & Adapter
	Dimension (WxDxH)
Weight (Without Battery)	Color

SAVE   RESET   ^

NetGarage   Home | Mobile | Laptop | Contact
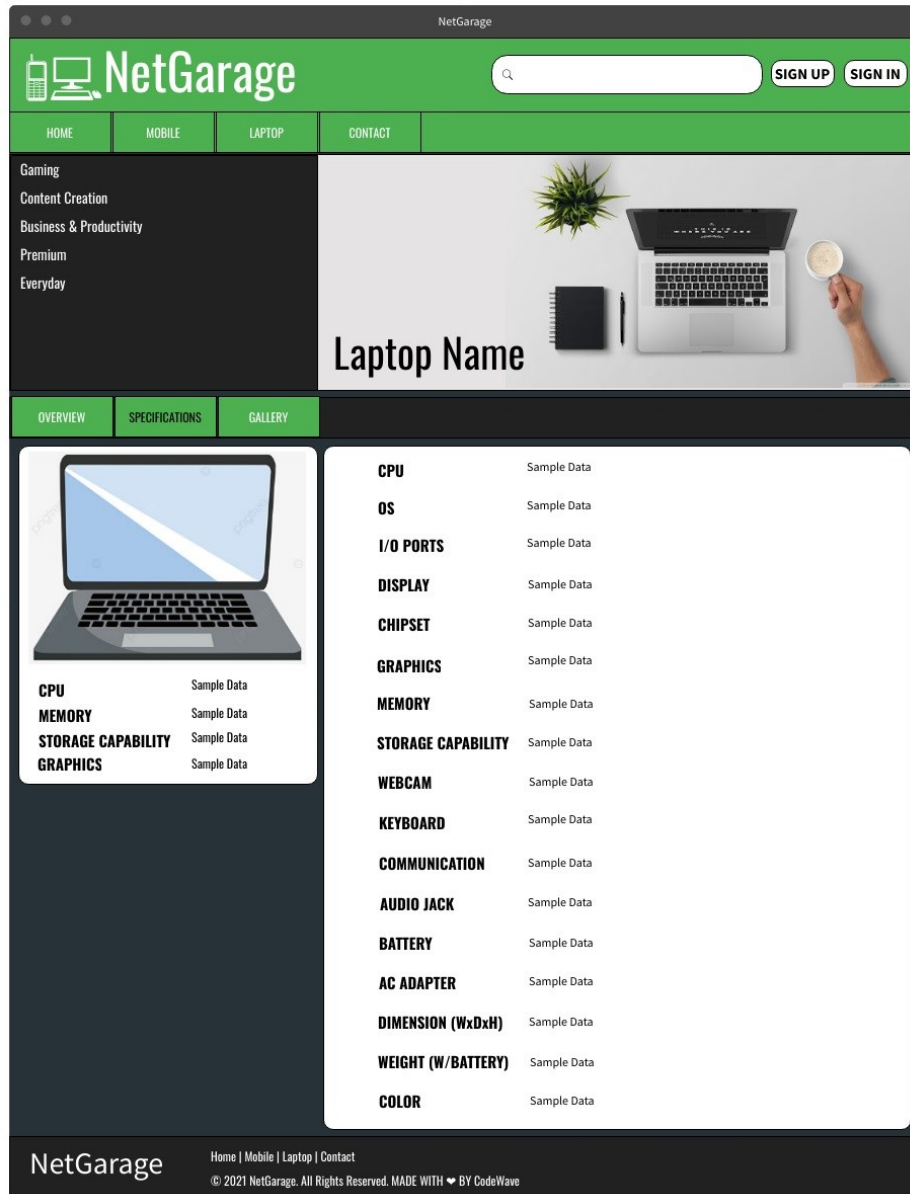© 2021 NetGarage. All Rights Reserved. MADE WITH ❤ BY CodeWave

Purpose: This interface will be used to add new laptop entries into the system.

Flow: The user has to enter the laptop entry details in this interface. User has to enter laptop details and select values from dropdown. Once the details are filled the user will click "Save" to save the laptop entry. If user want to reset the form user can click "Reset" button.

Good practices:
- User does not need to enter the most common details manually. Instead, it can be chosen from a dropdown.
- Reset button is present to reset the from.
- Relevant details can be validated.
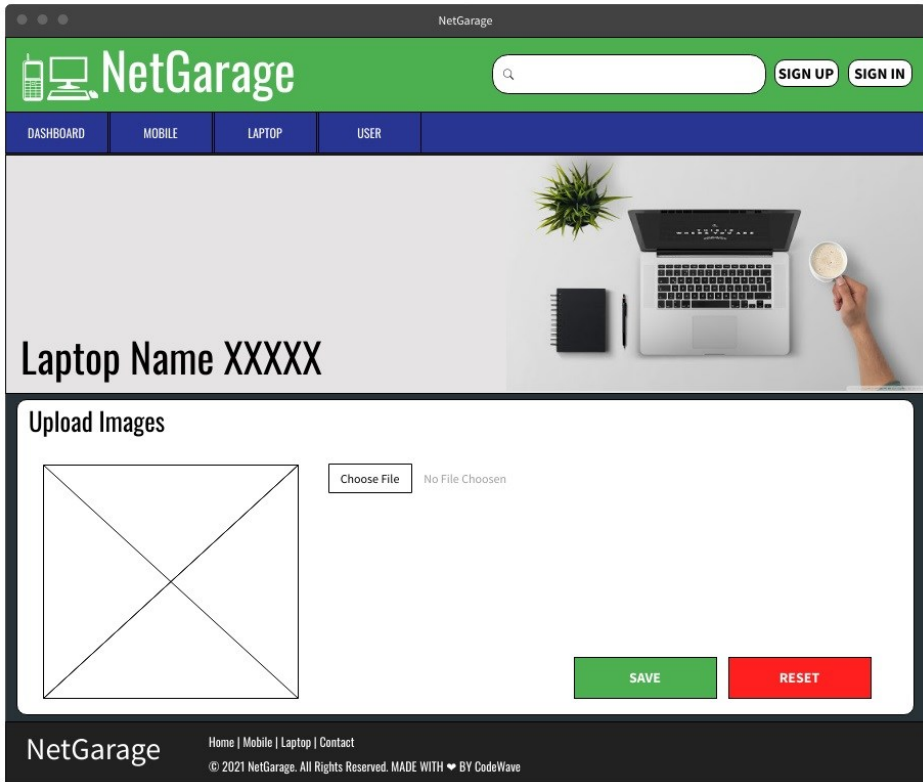
Picture of interface 2	Brief description of interface 2
	Purpose: This interface is used to view details of a single laptop. **Flow**: User can view this interface click on single laptop in List of laptops or searching result list. All the details will be presented in proper sections with an image of the laptop. **Good practices**: - Use meaningful label names. Topic word should capital letter, details word starting with capital letter and there should not be any spelling mistakes. - Provide an image to user to find what they are looking is correct one. - Provide summary details of laptop to user to get idea of laptop quickly.

Picture of interface 3	Brief description of interface 3
	Purpose: This interface is used to view all laptops. **Flow**: User can view this interface click Laptop in navigation bar. All published laptops can view here with summary of details. **Good practices**: • Use meaningful label names. Name of laptop should be capital letter and summary details can be starting with capital letter and there should not be any spelling mistakes. • Provide an image to user to find what they are looking is correct one. • Provide summary details of laptop to user to get idea of laptop quickly.
Picture of interface 4	Brief description of interface 4
	Purpose: This interface is used to add images to a laptop. **Flow**: User need to select add image button on laptop list in admin dashboard. Then user need to select images inside user device clicking on "Choose File". User need to click "Save" to save images to database. **Good practices**: • Reset button to reset images in form. • Provide image cropping resizing features to user. • Keep the interfaces simple. An interface should not contain irrelevant information.
Picture of the interface_5	Brief description of interface_5

Sprint 2

NetGarage

SIGN UP SIGN IN

| DASHBOARD | MOBILE | LAPTOP | USER |

Update Laptop Name XXXXX

Basic Details

Laptop Name		Manufactured Year	
Brand	▼	Operating System	▼
Model			

CPU & Chipset

| Processor | ▼ | Generation | |
| CPU Model Code | | Chipset | ▼ |

Memory

| Memory Type | ▼ | Maximum Capacity | ▼ |
| Slot Type | | No of Slots | |

Storage

| Bootable Storage Type | ▼ | Bootable Storage Capacity | ▼ |
| Secondary Storage Type | ▼ | Secondary Storage Capacity | ▼ |

Display

| Display Size & Resolution | | Refresh Rate | ▼ |
| Display Type | ▼ | | |

Graphics

| Brand | ▼ | Model | |
| Memory Capacity | ▼ | Other Features | |

Others

Webcam Type & Resolution		Keyboard Details	
Communication Details		Audio Details	
I/O Ports Details		Battery & Adapter	
		Dimension (WxDxH)	
Weight (Without Battery)		Color	

UPDATE   RESET   ^

NetGarage   Home | Mobile | Laptop | Contact
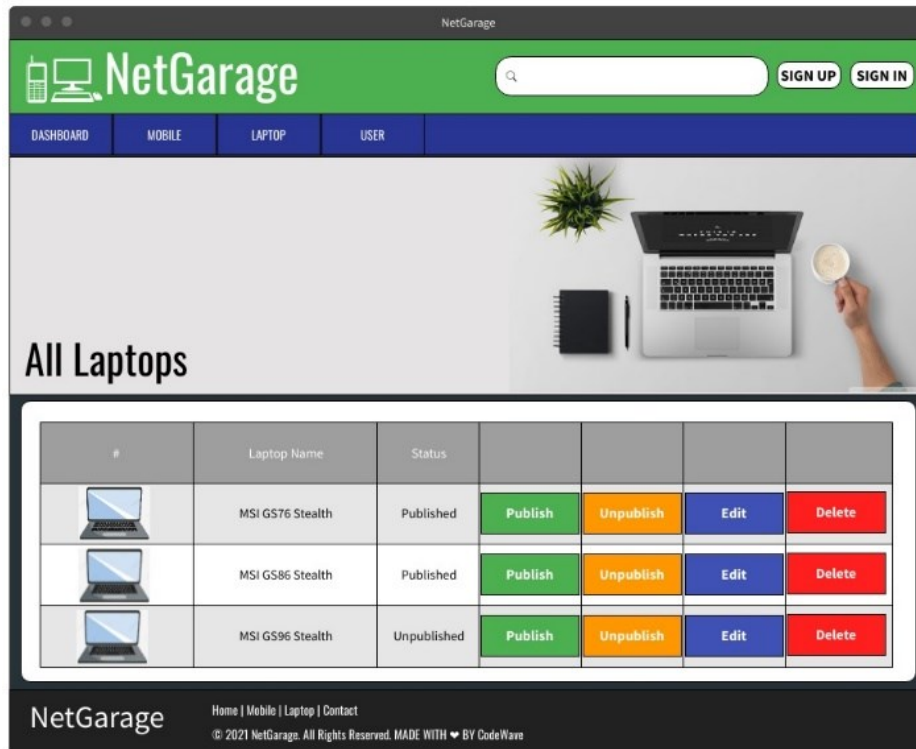© 2021 NetGarage. All Rights Reserved. MADE WITH ❤ BY CodeWave

Purpose: This interface will be used to update a laptop entry.

Flow: The user has to enter details to be updated in this interface. Once the details are filled the user will click "Update" to save the laptop entry. If user want to reset the form user can click "Reset" button.

Good practices:
- User does not need to enter the most common details manually. Instead, it can be chosen from a dropdown.
- Reset button is present to reset the from.
- Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes.

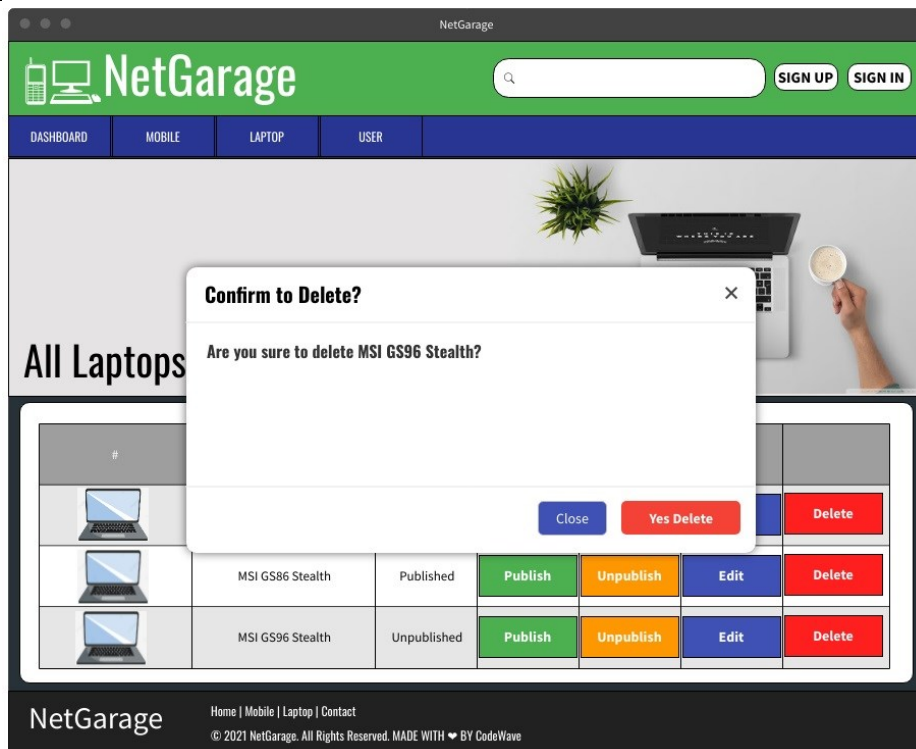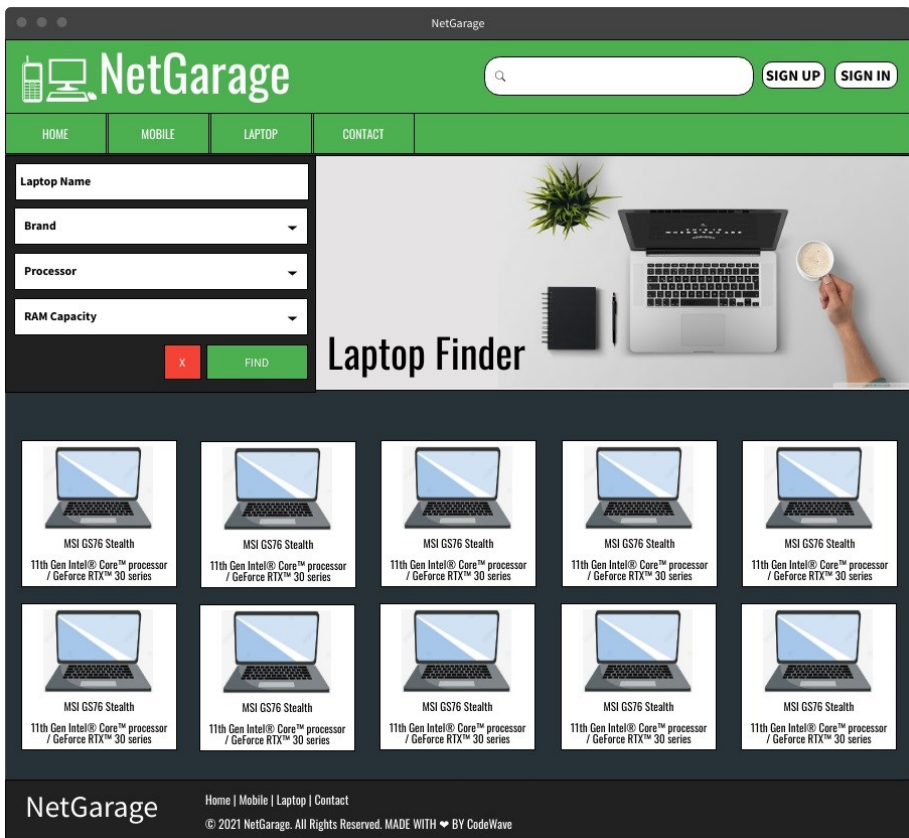| Picture of the interface_6	Brief description of interface_6
	Purpose: This interface is used to view all laptops in admin section. **Flow**: User can view this interface click Laptop in navigation bar. All laptops can view here with publish, unpublish, edit, delete functionality. **Good practices**: • Provide an image to user to find what they are looking is correct one. • Provide interactive buttons to user to clearly identify what they are looking. • Use meaningful label names. Each word should start with a capital letter.
Picture of the interface_7	**Brief description of interface_7**
	Purpose: This interface is used to delete laptop in admin section. **Flow**: User can view this interface click Laptop in navigation bar. User can selected laptop to be delete click "Delete" button in the list. Then user need to confirm to delete a laptop. **Good practices**: • Provide an image to user to find what they are looking is correct one. • Provide interactive buttons to user to clearly identify what they are looking. • Use meaningful label names. Each word should start with a capital letter.

	Picture of the interface_8	Brief description of interface_8
	NetGarage **NetGarage** [Q] (SIGN UP) (SIGN IN) HOME MOBILE LAPTOP CONTACT Laptop Name Brand ▾ Processor ▾ RAM Capacity ▾ [X] [FIND] **Laptop Finder** MSI GS76 Stealth / 11th Gen Intel® Core™ processor / GeForce RTX™ 30 series (×10) NetGarage Home | Mobile | Laptop | Contact © 2021 NetGarage. All Rights Reserved. MADE WITH ❤ BY CodeWave	**Purpose**: This interface is used to search laptops based on criteria. **Flow**: User can view this interface click Find Laptop in navigation bar. The user will select a criterion for filtration and then the user will select the filtering category for that particular criterion. Once user clicks the "Find" button results will be displayed as laptops list. **Good practices**: • Use meaningful label names. Each word should start with a capital letter. • Provide an image to user to find what they are looking is correct one. • Provide summary details of laptop to user to get idea of laptop quickly.
Registration		
Student Nam		
Function(s) **Note**: Include the functions required to complete for **sprint 1** & **sprint 2**	**Sprint 1** • User registration • User login • View user profile • Update user profile **Sprint 2** • User forgot password • User reset password • Add user feedbacks • View user feedbacks	
	Picture of interface 1	Brief description of interface 1

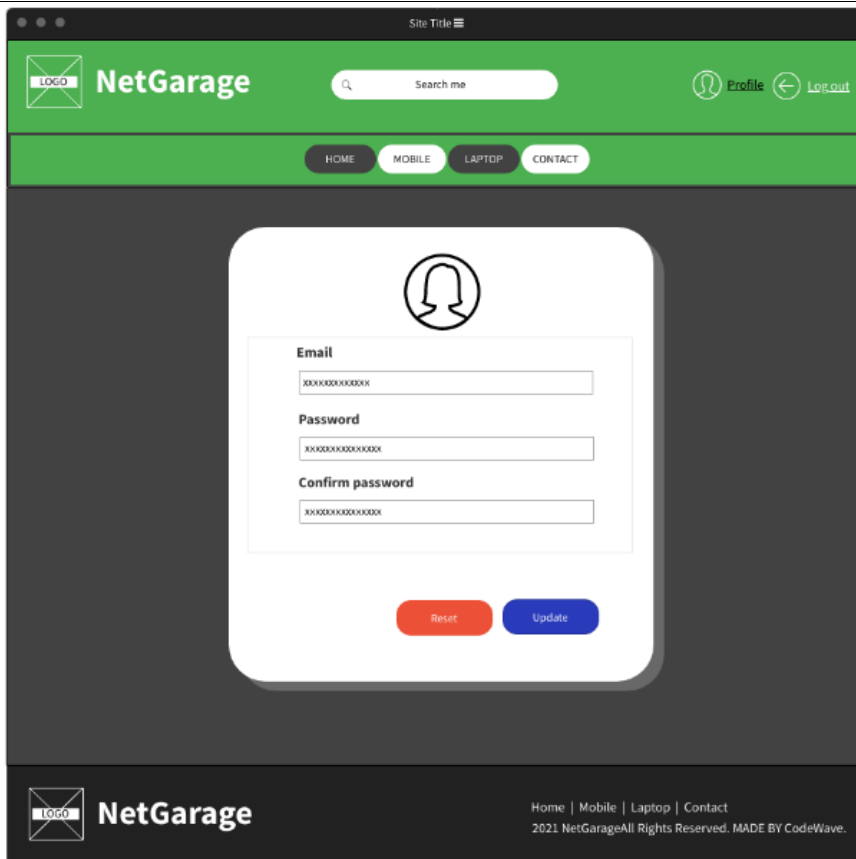|		
Sprint 1		**Purpose** : This interface used for user registration. **Flow**: User need to click sign up link on top of the home page. Then user need to provide necessary details and submit the form. **Good practices**: • Use meaningful label names. Each word should start with a capital letter. • Provide some icons to user to find what they are looking is correct one. • Provide interactive buttons to user to clearly identify what they are looking. • Good spacing and clear indent.
	Picture of interface 2	**Brief description of interface 2**
		Purpose: This interface used to login to the system **Flow**: User need to click sign in link on top of the home page. Then user need to provide user credentials and login to the system. **Good practices**: • Use meaningful label names. Each word should start with a capital letter. • Provide some icons to user to find what they are looking is correct one. • Provide interactive buttons to user to clearly identify what they are looking. • Good spacing and clear indent. • Validate the form fields.
	Picture of interface 3	**Brief description of interface 3**

| | Picture of interface 4 | Brief description of interface 4 |

Purpose : This interface is used to update the user profile.

Flow: User need to click profile link "profile" on top of the home page. Then user need to provide necessary details and submit the form.

Good practices:
- Use meaningful label names. Each word should start with a capital letter.
- Provide some icons to user to find what they are looking is correct one.
- Provide interactive buttons to user to clearly identify what they are looking.
- Good spacing and clear indent.
- Validate the form fields.

Picture of interface 4 | Brief description of interface 4

| Picture of the interface_5 | Brief description of interface_5 |

Purpose : This interfaces used to display necessary error messages to user

Flow: When user submit the login or registration forms without null values or incorrect values, user can see specific error message dynamically.

Good practices:
- Use meaningful label names. Each word should start with a capital letter.
- Provide some icons to user to find what they are looking is correct one.
- Provide interactive buttons to user to clearly identify what they are looking.
- Good spacing and clear indent.

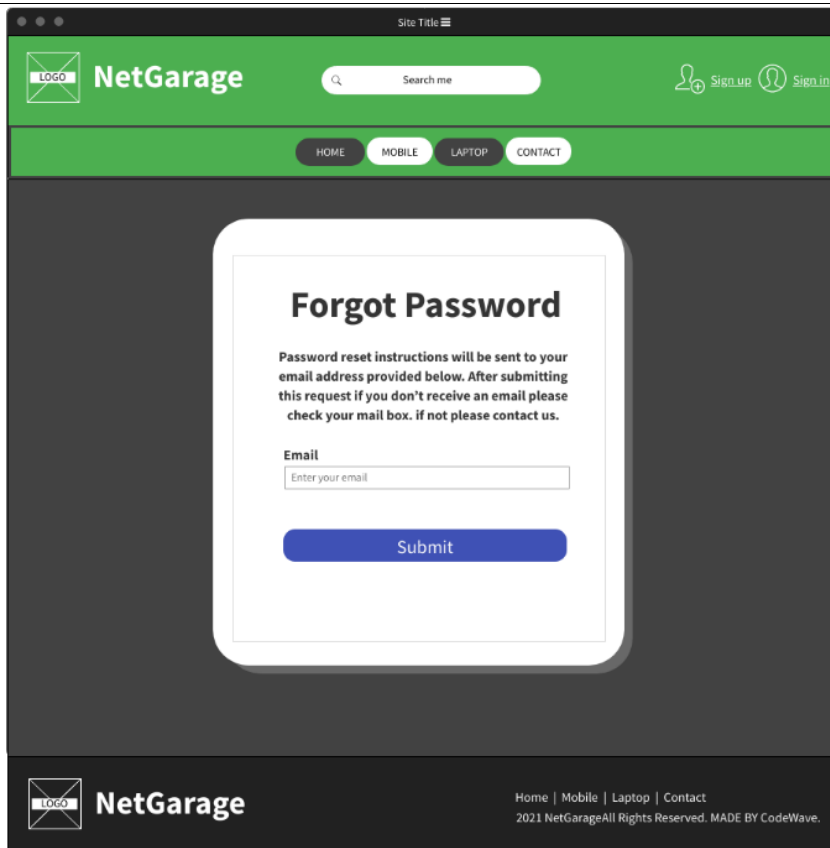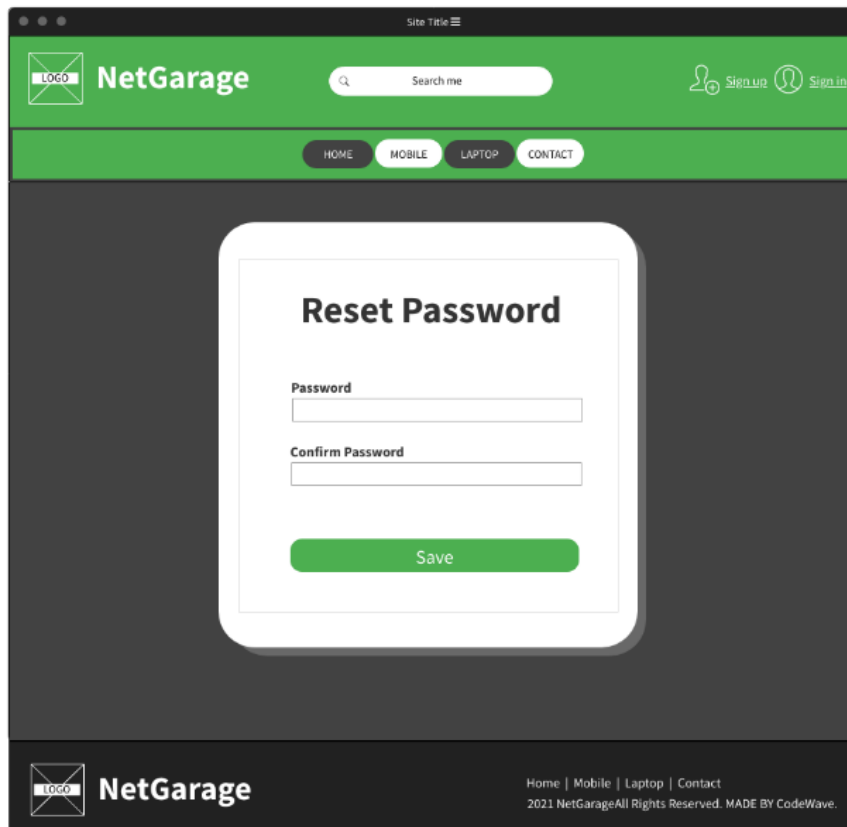| Sprint 2		**Purpose**: This interface is used to forgot the user password. **Flow**: When user login to the system, login form has "Forgot password?" link and user need to click that link. **Good practices**: • Use meaningful label names. Each word should start with a capital letter. • Provide some icons to user to find what they are looking is correct one. • Provide interactive buttons to user to clearly identify what they are looking. • Good spacing and clear indent. • Provide meaning full text to users. • Validate the form fields.
	Picture of the interface_6	**Brief description of interface_6**
		Purpose : This interface used to reset the user password. **Flow**: When user click the "Forgot password?" link on login page and after that providing valid mail and send to password reset link to that mail. Clicking that specific link user can reset their password. **Good practices**: • Use meaningful label names. Each word should start with a capital letter. • Provide some icons to user to find what they are looking is correct one. • Provide interactive buttons to user to clearly identify what they are looking.

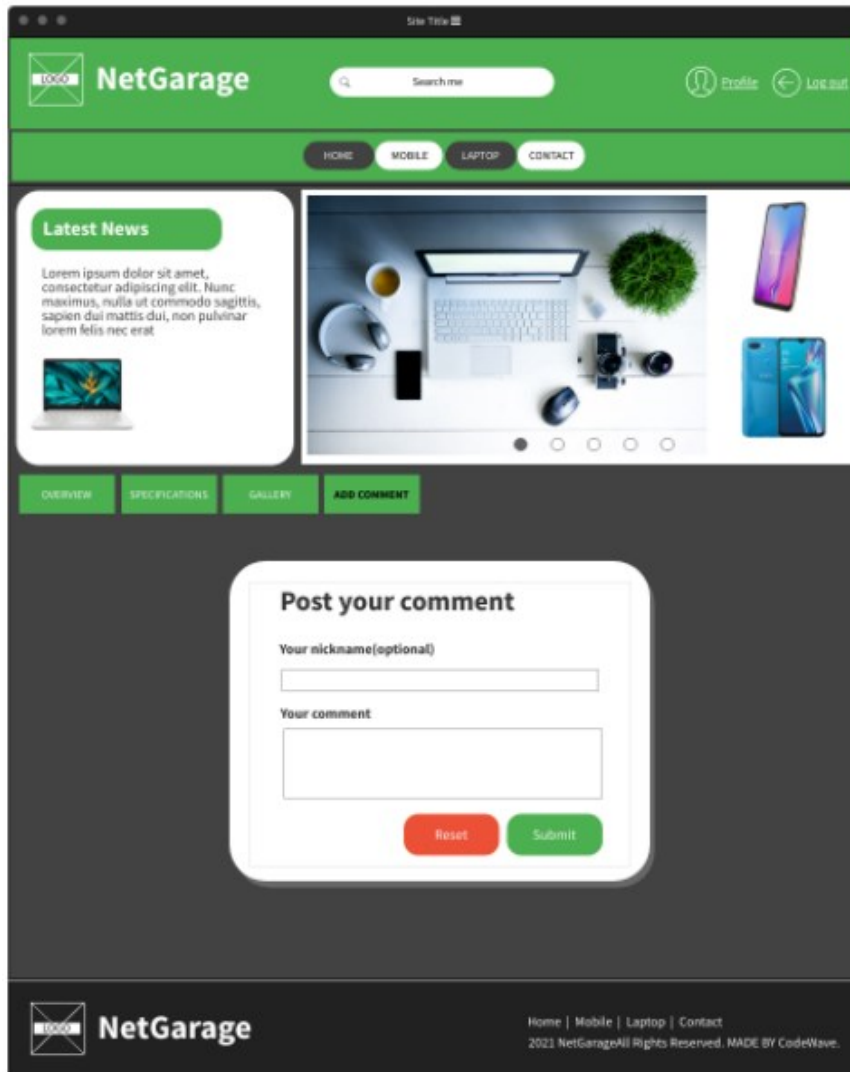|		
		- Good spacing and clear indent. - Validate the form fields.
	Picture of the interface_7	**Brief description of interface_7**
		Purpose : This interface used to add feedback to specific laptop or mobile devices. **Flow**: User can view this interface click on single laptop in List of laptops or searching result list. Then, there is button called "ADD COMMENT" and clicking that button user can post their ideas on that. **Good practices**: - Use meaningful label names. Each word should start with a capital letter. - Provide some icons to user to find what they are looking is correct one. - Provide interactive buttons to user to clearly identify what they are looking. - Good spacing and clear indent. - Validate the form fields.
	Picture of the interface_8	**Brief description of interface_8**

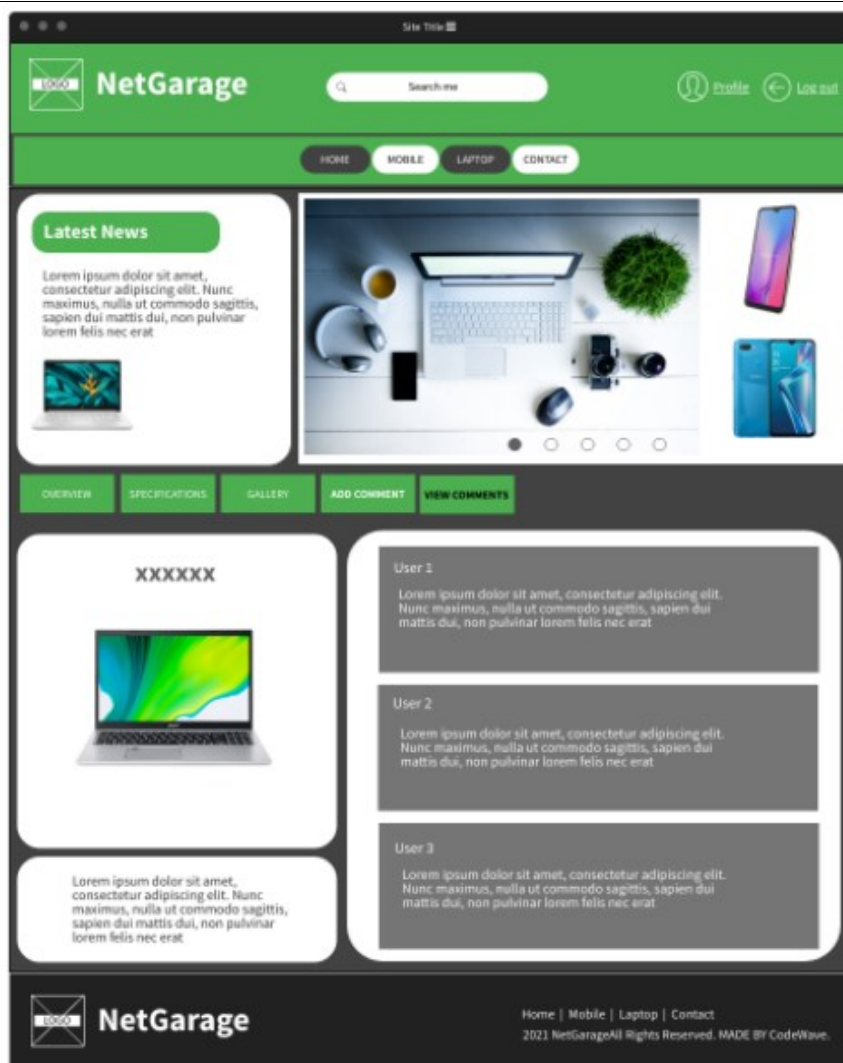**Purpose** : This interface used to view all user feedbacks one specific laptop or mobile device.

Flow: User can view this interface click on single laptop in List of laptops or searching result list. Then, there is button called "VIEW COMMENT" and clicking that button user can see all user's ideas.

Good practices:
- Use meaningful label names. Each word should start with a capital letter.
- Provide some icons to user to find what they are looking is correct one.
- Provide interactive buttons to user to clearly identify what they are looking.
- Good spacing and clear indent.

Registration	
Student Nam	
Function(s) **Note**: Include the functions required to complete for **sprint 1** & **sprint 2**	**Sprint 1** - - - - - - **Sprint 2** - - - - -
	Picture of interface 1

Brief description of interface 1

		Purpose : Flow: Good practices:
	Picture of interface 2	**Brief description of interface 2**
		Purpose : Flow: Good practices:
Sprint 1	**Picture of interface 3**	**Brief description of interface 3**
		Purpose : Flow: Good practices:
	Picture of interface 4	**Brief description of interface 4**
		Purpose : Flow: Good practices:
	Picture of the interface_5	**Brief description of interface_5**
Sprint 2		Purpose : Flow: Good practices:
	Picture of the interface_6	**Brief description of interface_6**

		Purpose : **Flow**: **Good practices**:
	Picture of the interface_7	**Brief description of interface_7**
		Purpose : **Flow**: **Good practices**:
	Picture of the interface_8	**Brief description of interface_8**
		Purpose : **Flow**: **Good practices**: