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1 Introduction

In the following report, the author will present the Mobile application, the logbook part. The report includes given exercise requirements, application screenshots, and code.

2 Exercise 1

2.1 Basic Information

1.1	Student name	Nguyen Van A
1.2	Who did you work with? Note that for logbook exercises you are allowed to work with one other person as long as you give their name and login id and both contribute to the work.	Name: Login id:
1.3	Which Exercise is this? Tick as appropriate.	Create an app with a user interface that displays one image at a time using a URL and two buttons to display images forward and backward.
1.4	How well did you complete the exercise? Tick as appropriate.	<ul style="list-style-type: none">• I tried but couldn't complete it <input type="checkbox"/>• I did it but I feel I should have done better <input type="checkbox"/>• I did everything that was asked <input checked="" type="checkbox"/>• I did more than was asked for <input type="checkbox"/>
1.5	Briefly explain your answer to question 1.4	I have completed the requirements of exercise 1 given, but there is nothing more creative than the requirements given

2.2 Exercise answer

2.2.1 Screen shots demonstrating what you achieved

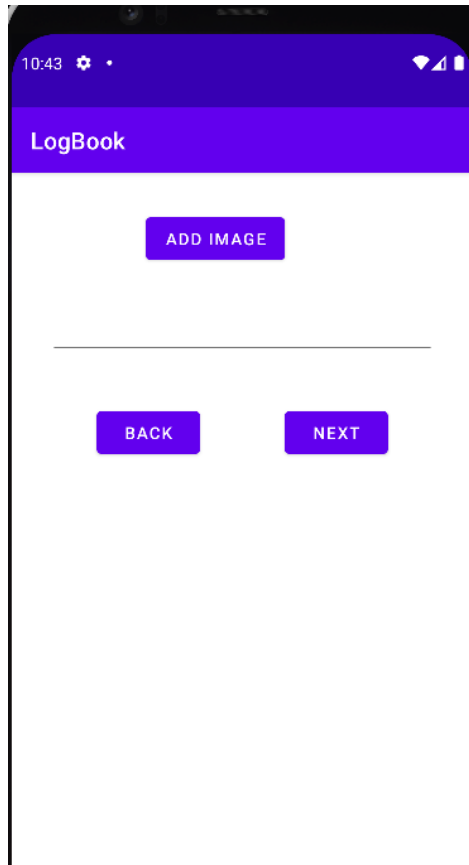
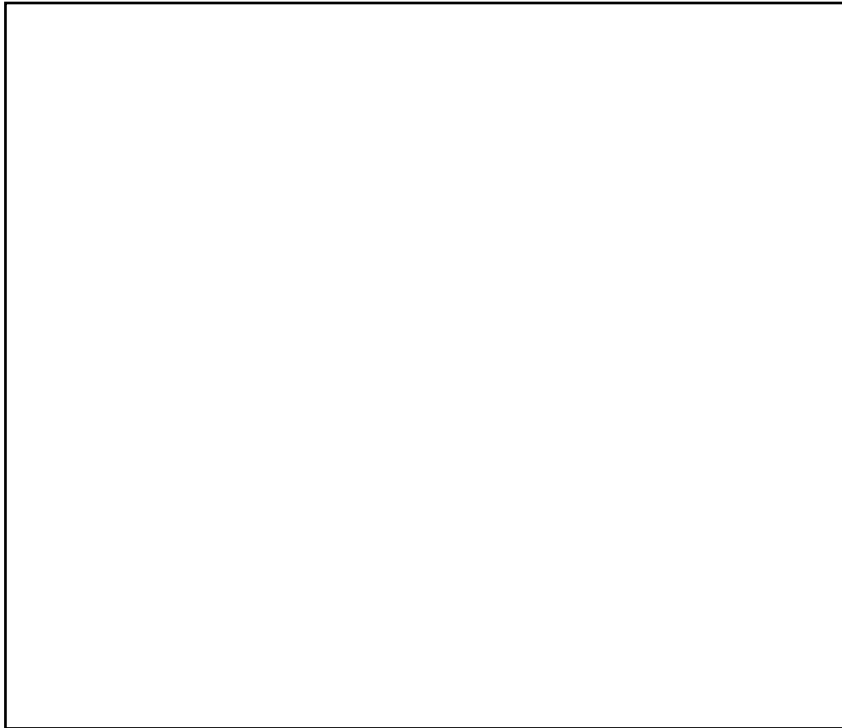


Figure 1-Homepage

This is the system's homepage. Here includes a text view to insert image links and use 2 buttons Back and Next to switch between images. With the requirements of Exercise 1, first, the user needs to click the Add Image button, then the page will appear as below:



Above, when the author adds a link to the textView, then presses the Preview Image button, the image will appear below, then click the Save Image Button to save the image to the database.

2.2.2 Code that you wrote

```
public class NewImage extends AppCompatActivity {
    ProgressDialog progressDialog;

    .....

    EditText imageURL = findViewById(R.id.et_inputImageURL);

    Button btnPre = findViewById(R.id.bnt_Preview);
    btnPre.setOnClickListener(view -> {
        ImageView imgView = findViewById(R.id.imageView2);
```



3 Exercise 2

3.1 Basic Information

1.1	Student name	Nguyen Van A
1.2	Who did you work with? Note that for logbook exercises you are allowed to work with one other person as long as you give their name and login id and both contribute to the work.	Name: Login id:
1.3	Which Exercise is this? Tick as appropriate.	Create a data entry screen
1.4	How well did you complete the exercise? Tick as appropriate.	<ul style="list-style-type: none">• I tried but couldn't complete it <input type="checkbox"/>• I did it but I feel I should have done better <input type="checkbox"/>• I did everything that was asked <input checked="" type="checkbox"/>• I did more than was asked for <input type="checkbox"/>
1.5	Briefly explain your answer to question 1.4	I have completed the requirements of exercise 2 given, but there is nothing

the contents of the image from the passed URL. bitmap

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```
protected void onPreExecute() {  
    super.onPreExecute();  
    mDialogProgress = new ProgressDialog(context);
```

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5 Conclusion

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