 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: AWT (01CT1625)	Aim: Cloud and Deployment	
Experiment No: 5	Date:	Enrollment No: 92200133005

AIM: Cloud and Deployment.

1) Intialize firebase project

Set up Firebase Hosting

1 Install Firebase CLI

To host your site with Firebase Hosting, you need the Firebase CLI (a command line tool).

Run the following [npm](#) command to install the CLI or update to the latest CLI version.

```
$ npm install -g firebase-tools
```

Doesn't work? Take a look at the [Firebase CLI reference](#) or change your [npm permissions](#)



Also show me the steps to add the Firebase JavaScript SDK to my web app
The SDK includes Cloud Firestore, Authentication, Performance Monitoring and more. It can be added now or later.

Next

✓ Install Firebase CLI

2 Initialize your project

Open a terminal window and navigate to or create a root directory for your web app

Sign in to Google

```
$ firebase login
```


Initiate your project

Run this command from your app's root directory:

```
$ firebase init
```

Next

3 Deploy to Firebase Hosting

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Task Manager

Manage your tasks with MongoDB, Express, React, and Node.js

Add New Task

No tasks found. Add a new task to get started!

Title

AWT project

Description

Skin portal

Add Task



Task Manager

Manage your tasks with MongoDB, Express, React, and Node.js

Add New Task

Your Tasks

Title


Enter task title

Description

Enter task description (optional)

Add Task

- AWT project
- Skin portal
- Created: 22/4/2025
- Mark CompleteDelete

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```
? Are you ready to proceed? Yes
? Which Firebase features do you want to set up for this directory? Press Space to
select features, then Enter to confirm your choices. Hosting: Configure files for
Firebase Hosting and (optionally) set up GitHub Action deploys
```

=== Project Setup

First, let's associate this project directory with a Firebase project.
You can create multiple project aliases by running **firebase use --add**,
but for now we'll just set up a default project.

```
? Please select an option: Use an existing project
? Select a default Firebase project for this directory: assignment1-df926
(Assignment1)
i Using project assignment1-df926 (Assignment1)
```

=== Hosting Setup

Your **public** directory is the folder (relative to your project directory) that
will contain Hosting assets to be uploaded with **firebase deploy**. If you


will contain Hosting assets to be uploaded with **firebase deploy**. If you
have a build process for your assets, use your build's output directory.

```
? What do you want to use as your public directory? public
? Configure as a single-page app (rewrite all urls to /index.html)? No
? Set up automatic builds and deploys with GitHub? No
+ Wrote public/404.html
? File public/index.html already exists. Overwrite? No
i Skipping write of public/index.html

i Writing configuration info to firebase.json...
i Writing project information to .firebaserc...

+ Firebase initialization complete!
PS C:\Users\Priyesh Vagadia\Desktop\Semester 6\AWT\student-result-management> npm
d
Unknown command: "build"
```

Did you mean this?
 npm run build # run the "build" package script
 To see a list of supported npm commands, run:

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```
PS C:\Users\Priyesh Vagadia\Desktop\Semester 6\AWT\student-result-management> npm run build
> student-result-management@0.1.0 build
> react-scripts build

Creating an optimized production build...
Compiled successfully.

File sizes after gzip:

 59.3 kB  build\static\js\main.3e72c02c.js
 1.78 kB  build\static\js\453.a5d011f4.chunk.js
 1.78 kB  build\static\js\453.a5d011f4.chunk.js
 577 B    build\static\css\main.3452d3e1.css
 577 B    build\static\css\main.3452d3e1.css

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

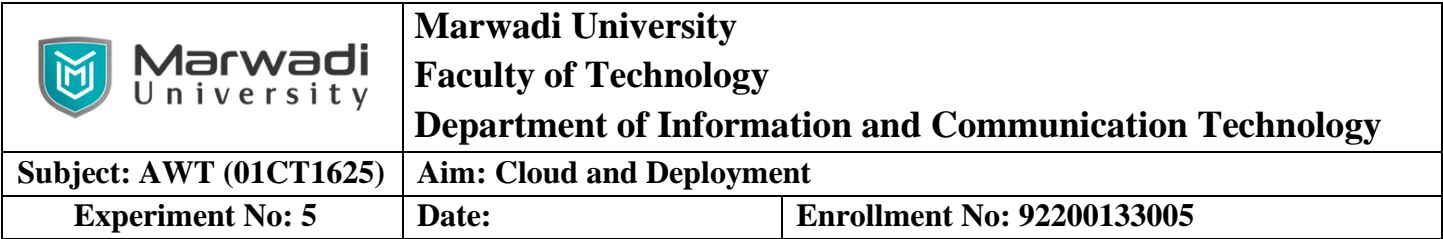
The build folder is ready to be deployed.
```

```
PS C:\Users\Priyesh Vagadia\Desktop\Semester 6\AWT\student-result-management> serve -s build

Serving!
- Local: http://localhost:3000
- Network: http://192.168.72.16:3000

Copied local address to clipboard!

HTTP 22/4/2025 9:54:07 am 192.168.72.16 GET /
HTTP 22/4/2025 9:54:07 am 192.168.72.16 Returned 200 in 42 ms
HTTP 22/4/2025 9:54:07 am 192.168.72.16 GET /static/js/main.3e72c02c.js
HTTP 22/4/2025 9:54:07 am 192.168.72.16 GET /static/css/main.3452d3e1.css
HTTP 22/4/2025 9:54:07 am 192.168.72.16 Returned 200 in 7 ms
HTTP 22/4/2025 9:54:07 am 192.168.72.16 Returned 200 in 14 ms
HTTP 22/4/2025 9:54:07 am 192.168.72.16 GET /favicon.ico
HTTP 22/4/2025 9:54:07 am 192.168.72.16 Returned 200 in 5 ms
```



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Local: <http://localhost:3000>

- Network: <http://192.168.72.16:3000>