

SPITRACK

Simplifying Research Techniques



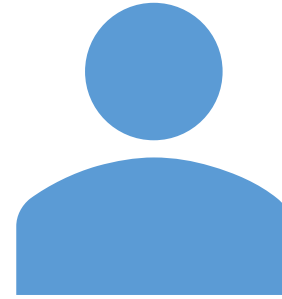
Team Members - Eccentrics



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Organization

Web Application (Nelay): Trello Board

The screenshot displays a Trello board for a web application project. The board is organized into five columns representing different stages of the workflow: 'All Tasks', 'To Do', 'Next Week's Work', 'Doing', and 'Done'. Each column contains a list of tasks, some of which are marked with progress bars and status icons. The 'All Tasks' column lists all tasks, while the other columns show tasks in progress or completed. The 'To Do' column has a 'Voice Search' task. The 'Next Week's Work' column includes 'Sign In With Google', 'Hosting Back-End (Django) to Firebase', and 'Real Time Database Connection with Back-End (Django) in Firebase'. The 'Doing' column shows 'Control Scrapping Strategies', 'Hosting Front-End (React) to Firebase', and 'Bug Checks'. The 'Done' column lists 'Connect XAMPP Web Server With Django', 'User Sign Up', 'User Login System', 'User Dashboard', 'Clusters View', 'Cluster Creation', 'Search', 'Bug Checks', 'Admin Login System', 'Add New Admin Feature', and 'Voice Search'. The board is titled 'Web Application' and is part of a workspace named 'CSE299 Junior Project'. The interface includes a sidebar with navigation options like 'Boards', 'Members', 'Settings', 'Workspace views', and 'Your boards'. The top of the board shows the Trello logo, workspace name, and various settings and sharing options. The bottom of the board has a 'Try Premium free' button.

Board: Web Application

Columns:

- All Tasks**
 - Connect XAMPP Web Server With Django
 - User Sign Up
 - User Login System
 - User Dashboard
 - Clusters View
 - Cluster Creation
 - Search
 - Bug Checks
 - Admin Login System
 - Admin Login System
 - Add New Admin Feature
 - Hosting Front-End (React) to Firebase
 - Hosting Back-End (Django) to Firebase
 - Real Time Database Connection with Back-End (Django) in Firebase
 - Control Scrapping Strategies
 - Sign In With Google
 - Voice Search
 - + Add a card
- To Do**
 - Voice Search
 - + Add a card
- Next Week's Work**
 - Sign In With Google
 - Hosting Back-End (Django) to Firebase
 - Real Time Database Connection with Back-End (Django) in Firebase
 - + Add a card
- Doing**
 - Control Scrapping Strategies
 - Hosting Front-End (React) to Firebase
 - Bug Checks
 - + Add a card
- Done**
 - Connect XAMPP Web Server With Django
 - User Sign Up
 - User Login System
 - User Dashboard
 - Clusters View
 - Cluster Creation
 - Search
 - Admin Login System
 - Add New Admin Feature
 - Voice Search
 - + Add a card

Left Sidebar:

- Boards
- Members
- Settings
- Workspace views
 - Table
 - Calendar
- Your boards
 - Android Application
 - Web Application

Top Bar:

- Trello
- Workspaces
- Recent
- Starred
- Templates
- Create
- Search
- Power-Ups
- Automation
- Filter
- Show menu

Bottom Bar:

- Try Premium free

Android Application (Rafid): Trello Board

The screenshot displays a Trello board for an Android application project. The board is organized into five columns representing different stages of the workflow:

- All Tasks:** A list of tasks including User Log In, User Sign Up, User Dashboard, Calling API, Cluster Creation, Clusters View, Search, Add New Admin, Admin Log In, Admin Dashboard, Sign In With Google, Control Scapping Strategies, Voice Search, and an option to add a new card.
- To Do:** A list of tasks including Voice Search, Sign In With Google, Control Scapping Strategies, Voice Search, and an option to add a new card.
- Next Weeks Work:** A list of tasks including Admin Dashboard, Admin Log In, Add New Admin, Search, and an option to add a new card.
- Doing:** A list of tasks including Cluster Creation, Clusters View, User Log In, and an option to add a new card.
- Done:** A list of tasks including User Sign Up, Calling API, User Dashboard, and an option to add a new card.

The board is part of the 'CSE299 Junior Project' workspace. The left sidebar shows the workspace name, a search bar, and a list of boards including 'Android Application' and 'Web Application'. The bottom of the board features a 'Try Premium free' button. The background of the board is a scenic image of a yellow tent pitched in a rocky, mountainous landscape.

Communication

Work – WebApp (Neloy)

Web Application (Nelay): Hosting Front-End (React) to Firebase

The screenshot shows the Firebase console interface for a project named 'spitrack-9f734'. The left sidebar contains navigation links for Project Overview, Build (Authentication, Firestore Database, Extensions, Realtime Database, Storage, Hosting, Functions, Machine Learning), Release & Monitor, Analytics, and Engage. The main content area is divided into two sections: 'spitrack-9f734 domains' and 'spitrack-9f734 release history'.

spitrack-9f734 domains

Domain	Status
spitrack-9f734.web.app	Default
spitrack-9f734.firebaseio.com	Default

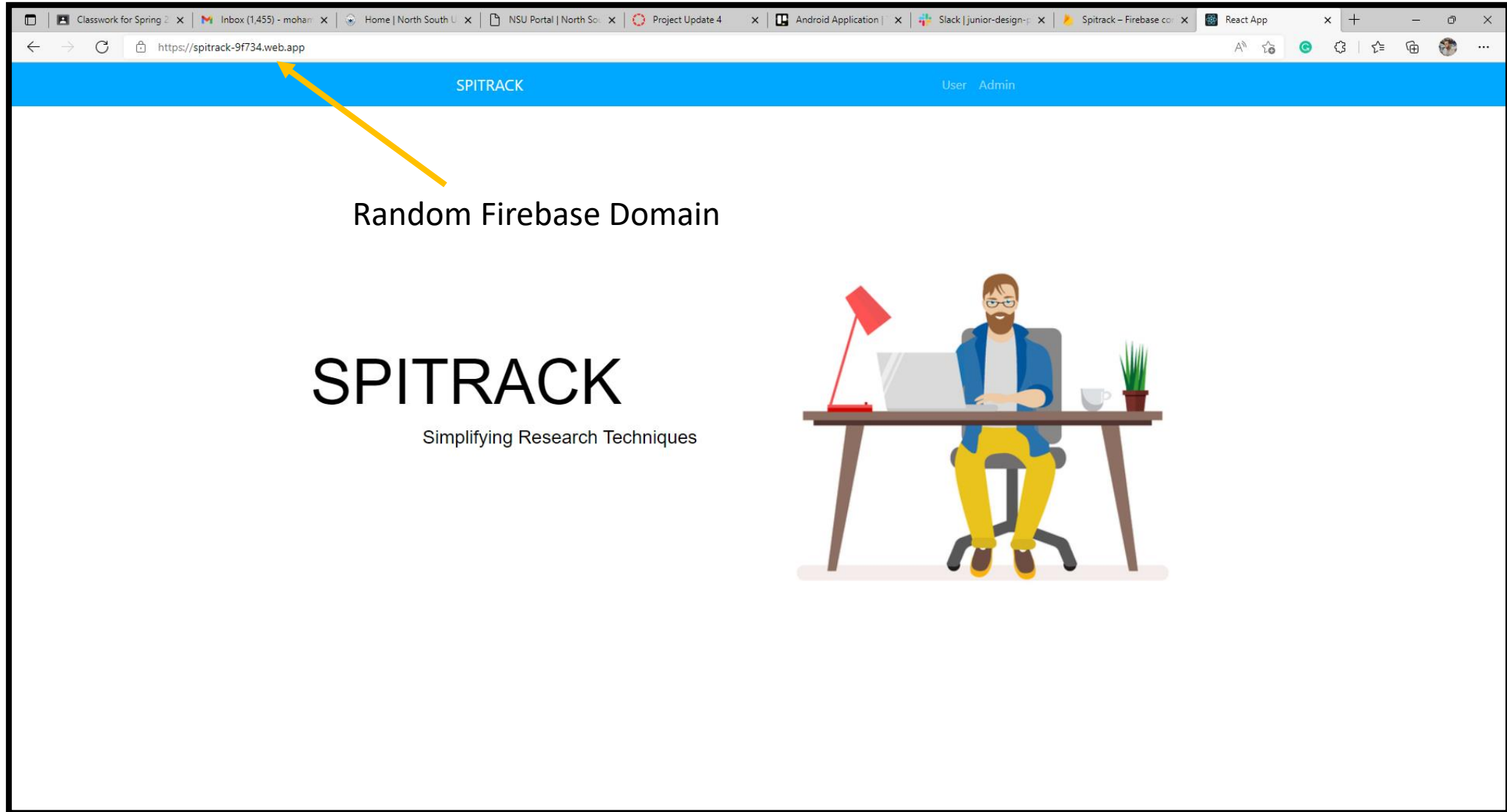
Annotations: A green arrow points from the text 'Random Domain (Free)' to the 'spitrack-9f734.web.app' domain. Another green arrow points from the same text to the 'spitrack-9f734.firebaseio.com' domain.

spitrack-9f734 release history

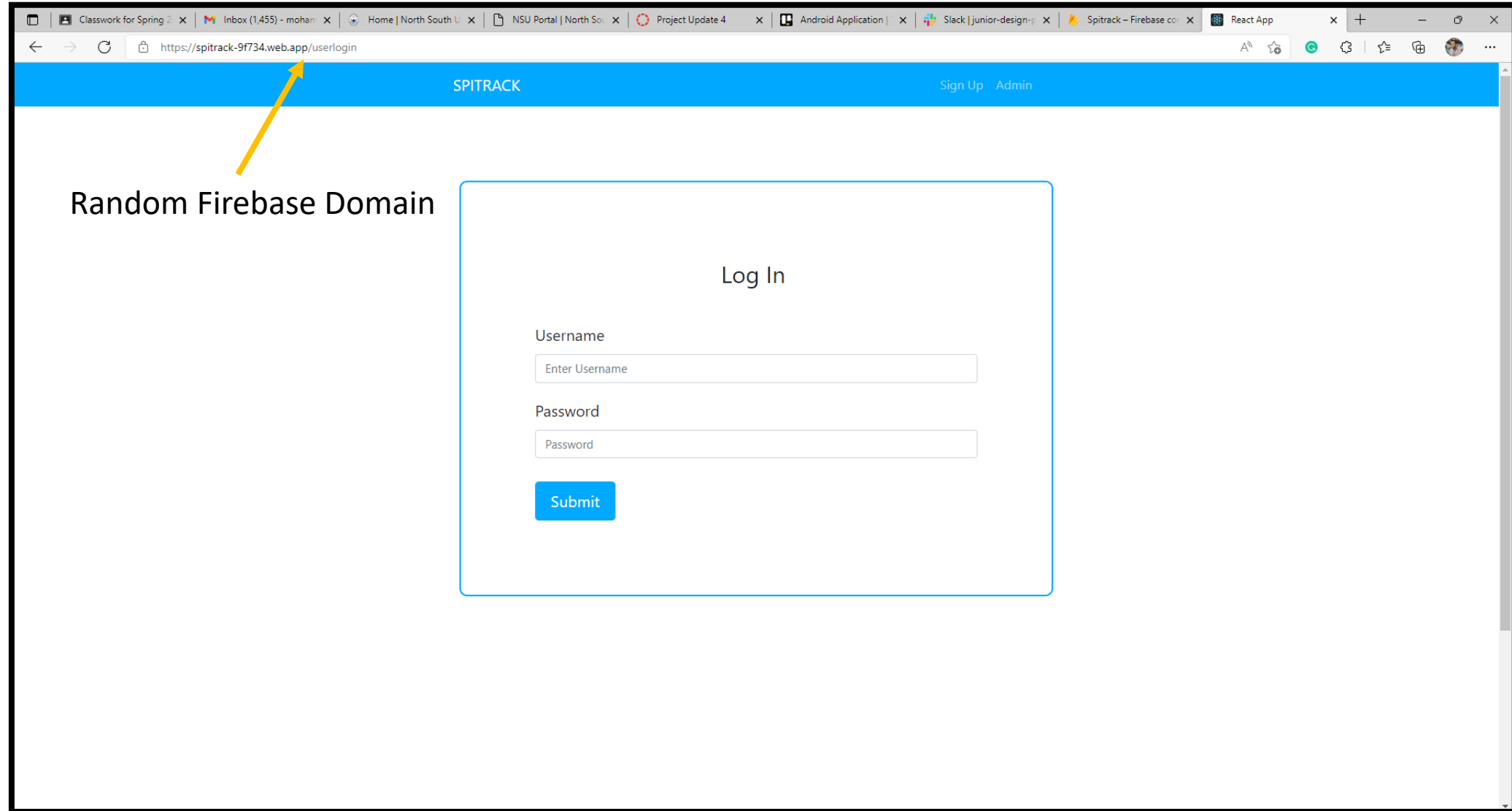
Status	Time	Deploy	Files
★ Current	Apr 5, 2022 10:55 PM	mohammad.nabiluzzaman@northsouth.edu ca573c	0
↑ Deployed	Apr 5, 2022 10:52 PM	mohammad.nabiluzzaman@northsouth.edu 404355	16
↑ Deployed	Apr 5, 2022 10:23 PM	mohammad.nabiluzzaman@northsouth.edu 8f49e4	16
↑ Deployed	Apr 5, 2022 2:20 AM	mohammad.nabiluzzaman@northsouth.edu cf0f56	16
↑ Deployed	Apr 5, 2022 2:07 AM	mohammad.nabiluzzaman@northsouth.edu 6e5d33	16
↑ Deployed	Apr 5, 2022 2:00 AM	mohammad.nabiluzzaman@northsouth.edu 8e90ed	3
↑ Deployed	Apr 5, 2022 1:43 AM	mohammad.nabiluzzaman@northsouth.edu 0a3a89	3

Annotations: A green arrow points from the text 'Deployment Records' to the 'Deploy' column of the release history table.

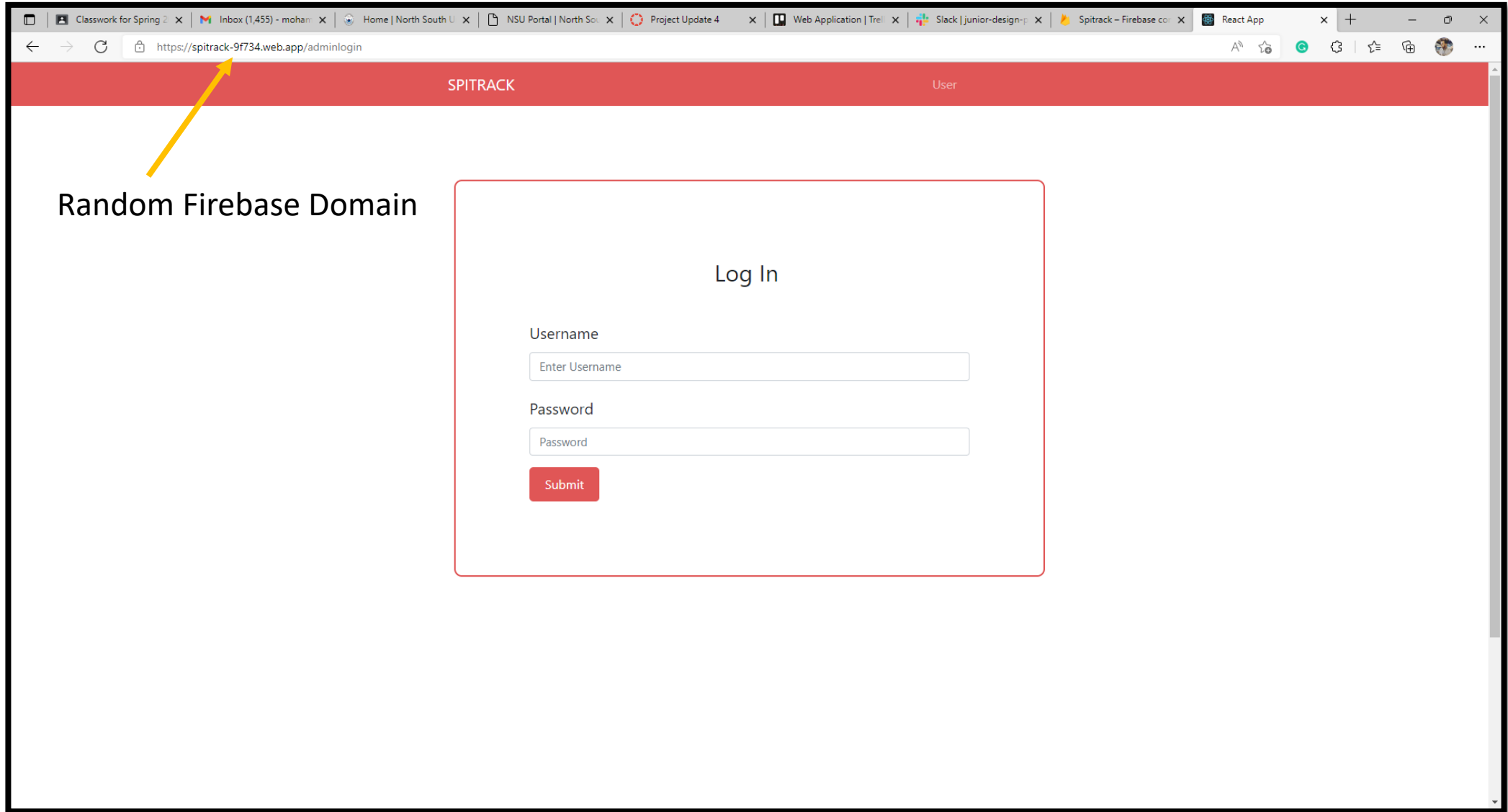
Web Application (Nelay): Live Page After Hosting (Landing Page)



Web Application (Nelay): Live Page After Hosting (User Log In)

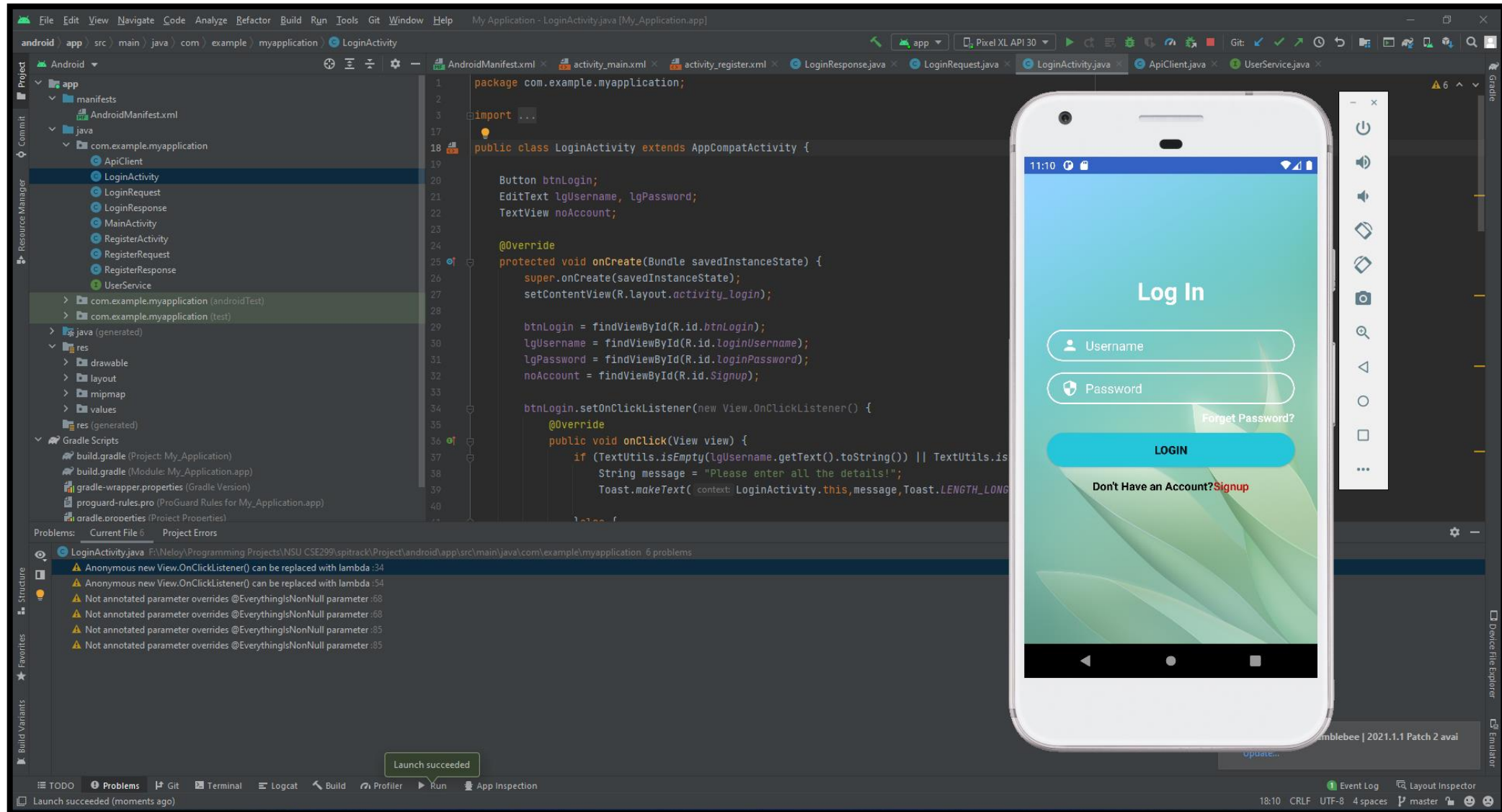


Web Application (Nelay): Live Page After Hosting (Admin Login)



Work – Android App (Rafid)

Android Application (Rafid): Login Activity



Android Application (Rafid): Login Request

The screenshot displays the Android Studio IDE interface. The central editor shows the `LoginRequest.java` file with the following code:

```
1 package com.example.myapplication;
2
3 import com.google.gson.annotations.SerializedName;
4
5 public class LoginRequest {
6
7     @SerializedName("username")
8     private String username;
9
10    @SerializedName("password")
11    private String password;
12
13    public String getUsername() { return username; }
14
15    public void setUsername(String username) { this.username = username; }
16
17    public String getPassword() { return password; }
18
19    public void setPassword(String password) { this.password = password; }
20
21 }
22
```

The left sidebar shows the Project view with the following structure:

- android
- app
 - manifests
 - AndroidManifest.xml
 - java
 - com.example.myapplication
 - ApiClient
 - LoginActivity
 - LoginRequest
 - LoginResponse
 - MainActivity
 - RegisterActivity
 - RegisterRequest
 - RegisterResponse
 - UserService
 - com.example.myapplication (androidTest)
 - com.example.myapplication (test)
 - java (generated)
 - res (generated)
 - drawable
 - layout
 - mipmap
 - values
 - res (generated)
 - Gradle Scripts
 - build.gradle (Project: My_Application)
 - build.gradle (Module: My_Application.app)
 - gradle-wrapper.properties (Gradle Version)
 - proguard-rules.pro (ProGuard Rules for My_Application.app)
 - gradle.properties (Project Properties)

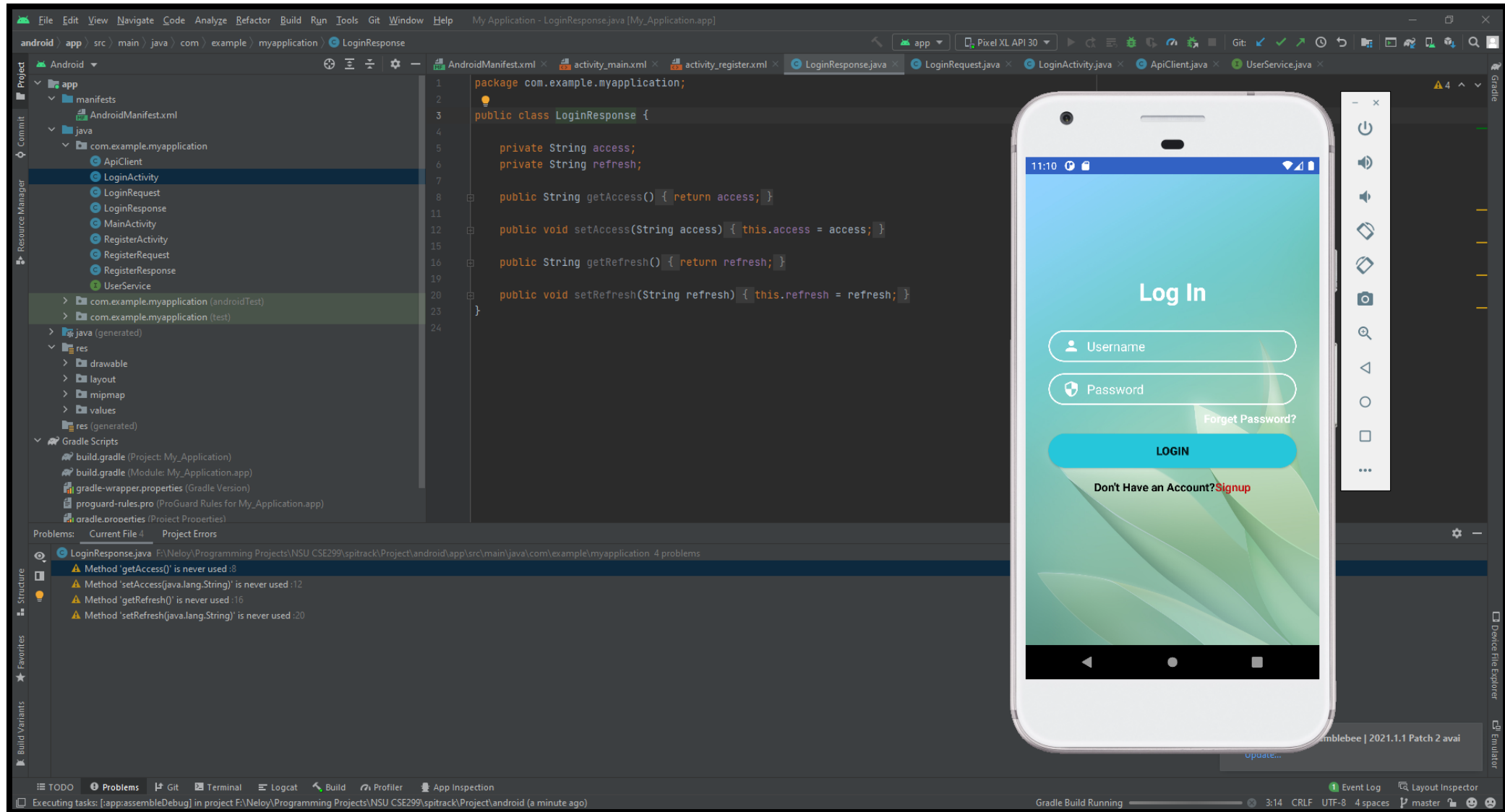
The bottom panel shows the Problems view with the following errors:

- LoginRequest.java: Method 'getUsername()' is never used :13
- LoginRequest.java: Method 'getPassword()' is never used :21

The right side of the screen shows a mobile emulator displaying a login screen with the following elements:

- Time: 11:10
- Log In
- Username input field
- Password input field
- Forgot Password? link
- LOGIN button
- Don't Have an Account? Signup link

Android Application (Rafid): Login Response



Thank You!