



Velasquez, Gabrielle Ainsley L.

WD-302

FINALS ACTIVITY 1: Node, Express, Mongo, & Vue

1. Startup Commands

nodemon express.js

```
C:\Users\ainsh\Desktop\WC SERVER\hogwarts-vue-express-app>nodemon express.js
[nodemon] 3.1.10
[nodemon] to restart at any time, enter 'rs'
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting 'node express.js'
Hogwarts Portal running on port 5000
```

npm run dev & npm run build

```
C:\Users\ainsh\Desktop\WC SERVER\hogwarts-vue-express-app\client>npm run build

> hogwarts-client@0.0.0 build
> vite build

vite v7.1.5 building for production...
✓ 42 modules transformed.

dist/index.html          0.43 kB | gzip: 0.28 kB
dist/assets/index-Cz9mizY9.css 9.47 kB | gzip: 2.64 kB
dist/assets/index-C45ATC4r.js 108.05 kB | gzip: 39.38 kB
✓ built in 1.33s

C:\Users\ainsh\Desktop\WC SERVER\hogwarts-vue-express-app\client>npm run dev

> hogwarts-client@0.0.0 dev
> vite

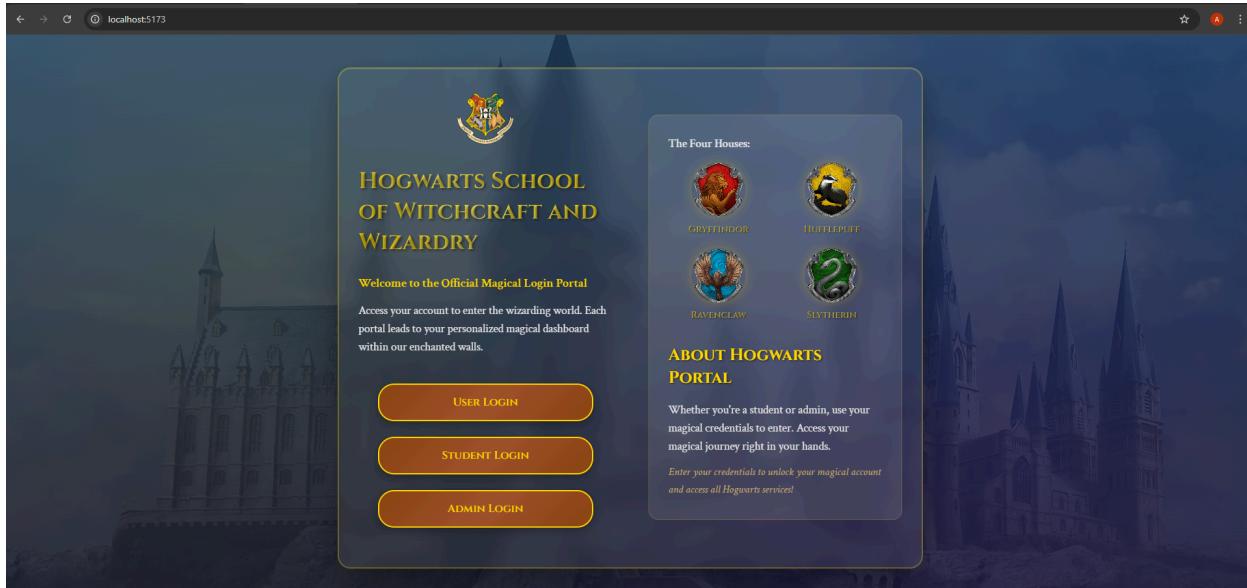
VITE v7.1.5 ready in 456 ms

→ Local: http://localhost:5173/
→ Network: use --host to expose
→ press h + enter to show help
```

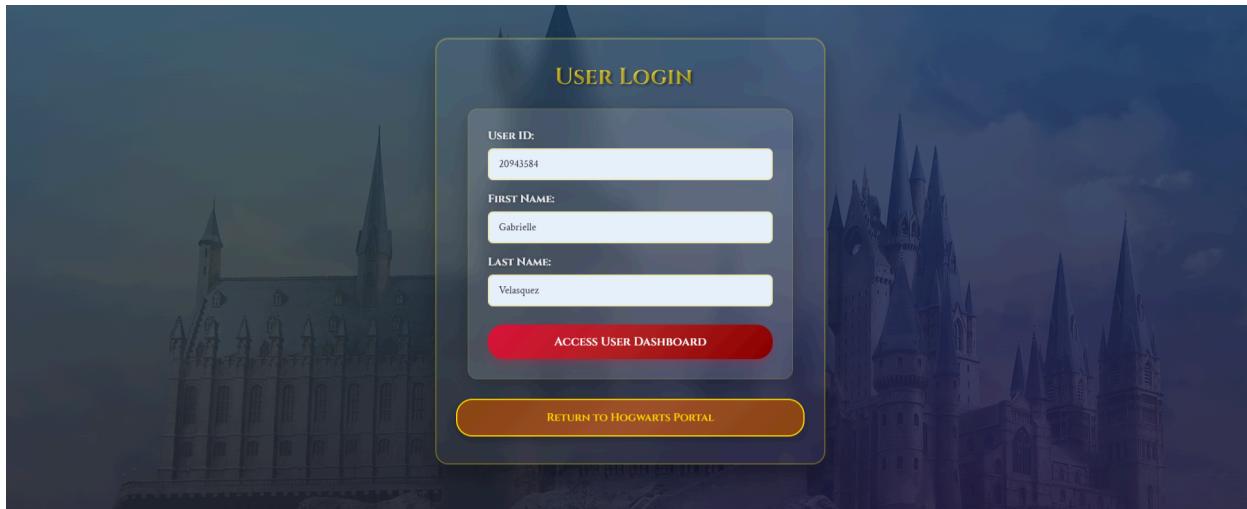


2. Application Output & Postman API Testing

Home: localhost:5173



User Login: localhost:5173/user-form **POST /api/user-login**

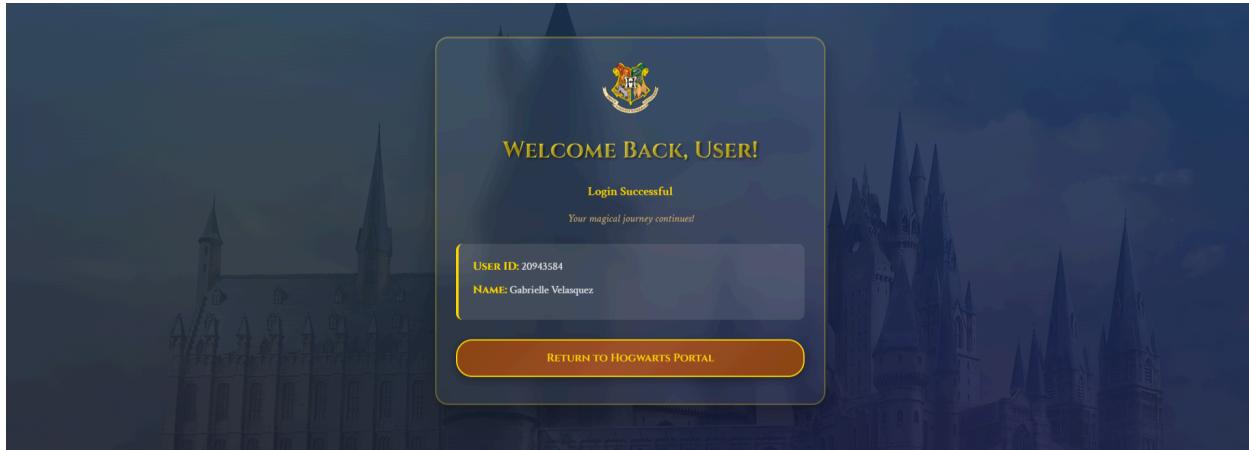




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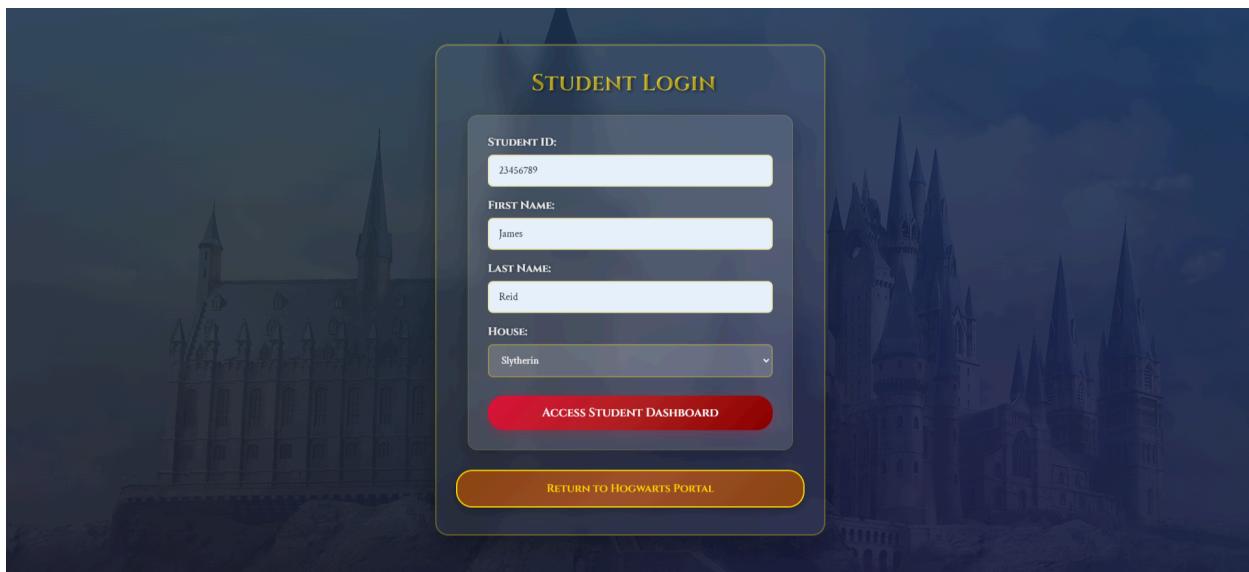


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```
New User Created: { userID: '20943584', firstName: 'Gabrielle', lastName: 'Velasquez' }
```

Student Login: localhost:5173/student-form **POST /api/student-login**





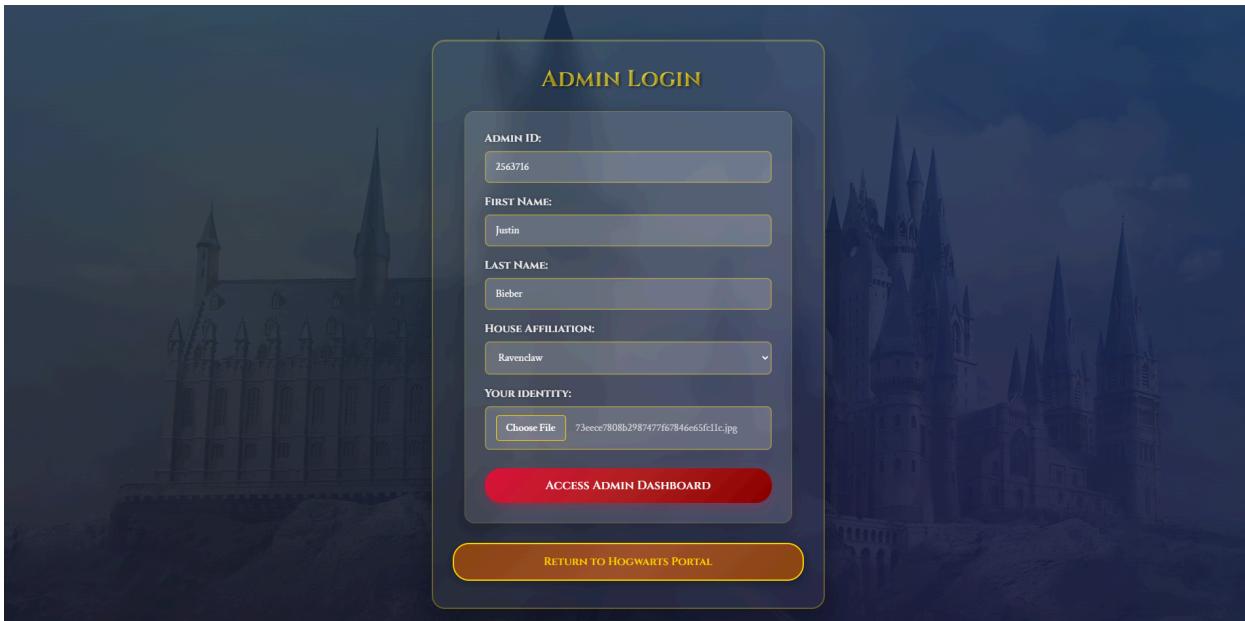
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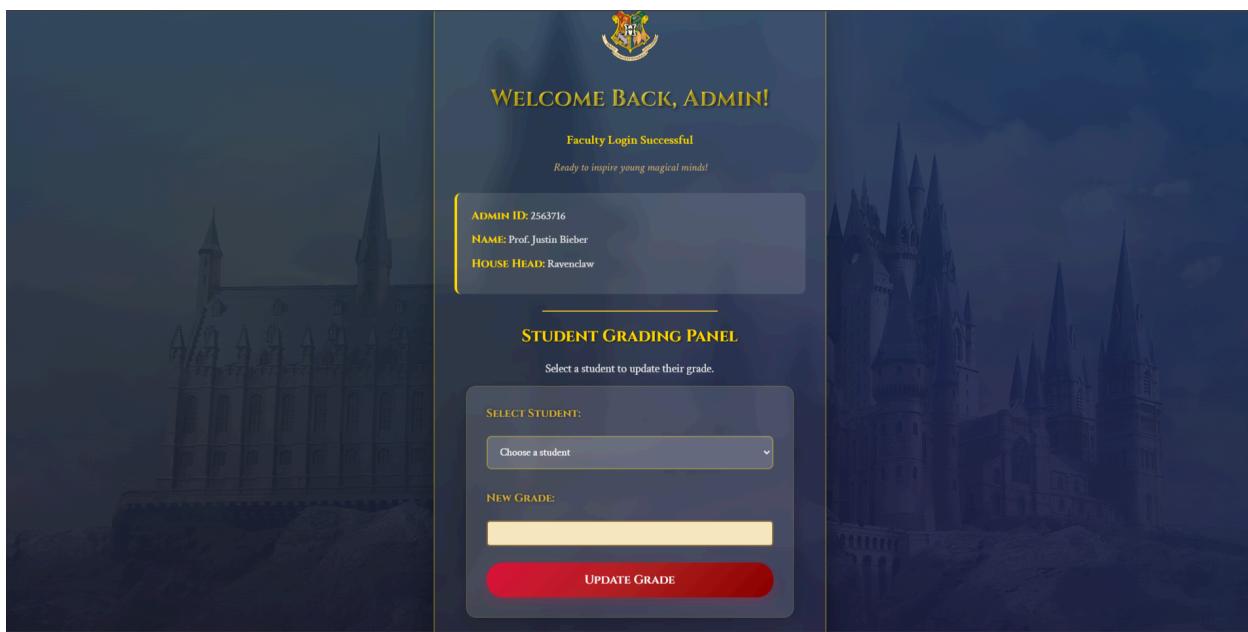
4

```
New Student Created: {  
  studentID: '23456789',  
  firstName: 'James',  
  lastName: 'Reid',  
  house: 'Slytherin',  
  grade: 0,  
  profilePicturePath: ''  
}
```

Admin Login: localhost:5173/admin-form **POST /api/admin-login**



A dark-themed login form titled "ADMIN LOGIN" set against a background of the Harry Potter castle, Hogwarts. The form includes fields for Admin ID, First Name, Last Name, House Affiliation (Ravenclaw), and a file upload for Your Identity. It features a red "ACCESS ADMIN DASHBOARD" button and an orange "RETURN TO HOGWARTS PORTAL" button.



The "WELCOME BACK, ADMIN!" dashboard. It displays a "Faculty Login Successful" message and the user's details: Admin ID 2563716, Name Prof. Justin Bieber, and House Head Ravenclaw. Below this is the "STUDENT GRADING PANEL" which allows selecting a student and updating their grade. A "SELECT STUDENT" dropdown and a "NEW GRADE" input field are present, along with a red "UPDATE GRADE" button.



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Update Student Grade: `localhost:5173/user-result?status=success&type=admin`
POST /api/update-grade

Two screenshots of a mobile application titled "STUDENT GRADING PANEL". Both screenshots show a dropdown menu for "SELECT STUDENT" containing "James Reid (Grade: 0)" and a text input field for "NEW GRADE" containing "95".

Screenshot 1 (Left): Shows the initial state where the grade is 0. The "UPDATE GRADE" button is red.

Screenshot 2 (Right): Shows the state after the grade has been updated to 95. The "UPDATE GRADE" button is red, and a green message at the bottom says "Grade updated successfully!".

```
New Admin Created: {  
    adminID: '2563716',  
    firstName: 'Justin',  
    lastName: 'Bieber',  
    house: 'Ravenclaw',  
    profilePicturePath: 'client\\public\\uploads\\profilePicture-1758035539377-996722096.jpg'  
}  
Updated grade for James Reid to 95
```

All API Endpoints

GET /api/users

A screenshot of a browser window showing the JSON response for the "/api/users" endpoint. The URL in the address bar is "localhost:5173/api/users".

Pretty-print

```
{  
  "success": true,  
  "data": [  
    {  
      "userID": "20943584",  
      "firstName": "Gabrielle",  
      "lastName": "Velasquez"  
    }  
  ]  
}
```



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GET /api/students

```
localhost:5173/api/students

Pretty-print   
  
{  
  "success": true,  
  "data": [  
    {  
      "studentID": "23456789",  
      "firstName": "James",  
      "lastName": "Reid",  
      "house": "Slytherin",  
      "grade": 95,  
      "profilePicturePath": ""  
    }  
  ]  
}
```

GET /api/admins

```
localhost:5173/api/admins

Pretty-print   
  
{  
  "success": true,  
  "data": [  
    {  
      "adminID": "2563716",  
      "firstName": "Justin",  
      "lastName": "Bieber",  
      "house": "Ravenclaw",  
      "profilePicturePath": "client\\public\\uploads\\profilePicture-1758035539377-996722096.jpg"  
    }  
  ]  
}
```



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Error Page: localhost:5173/nonexistent

