



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

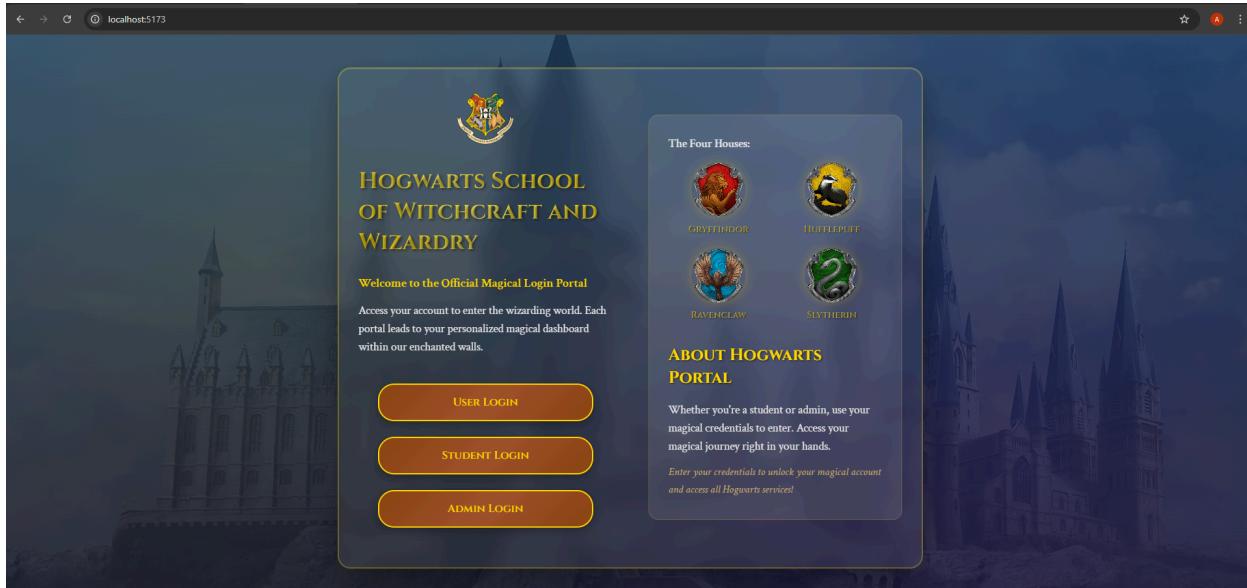
VITE v7.1.5 ready in 456 ms

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

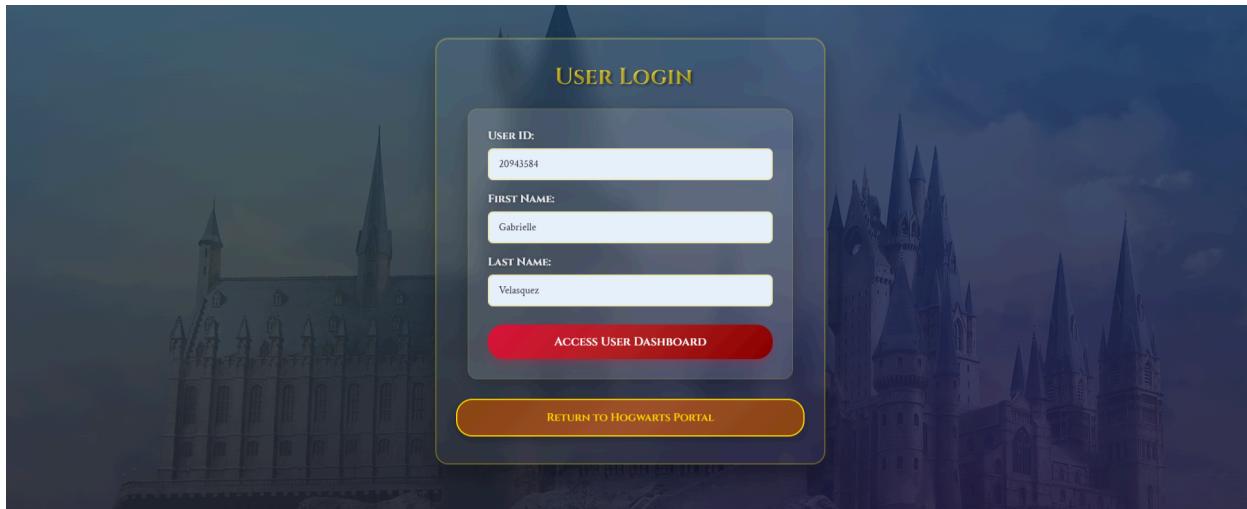


2. Application Output & API Testing

Home: localhost:5173



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

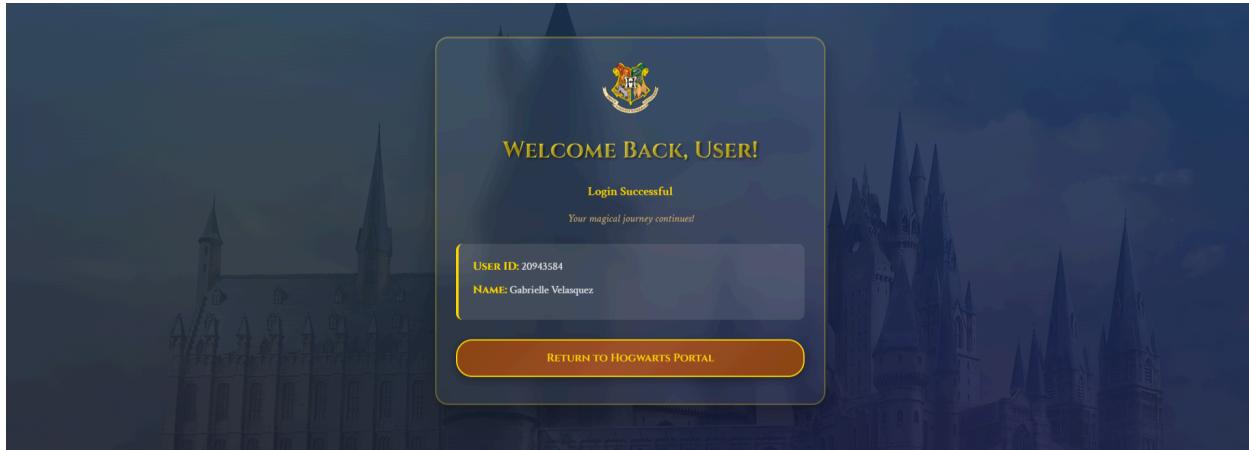




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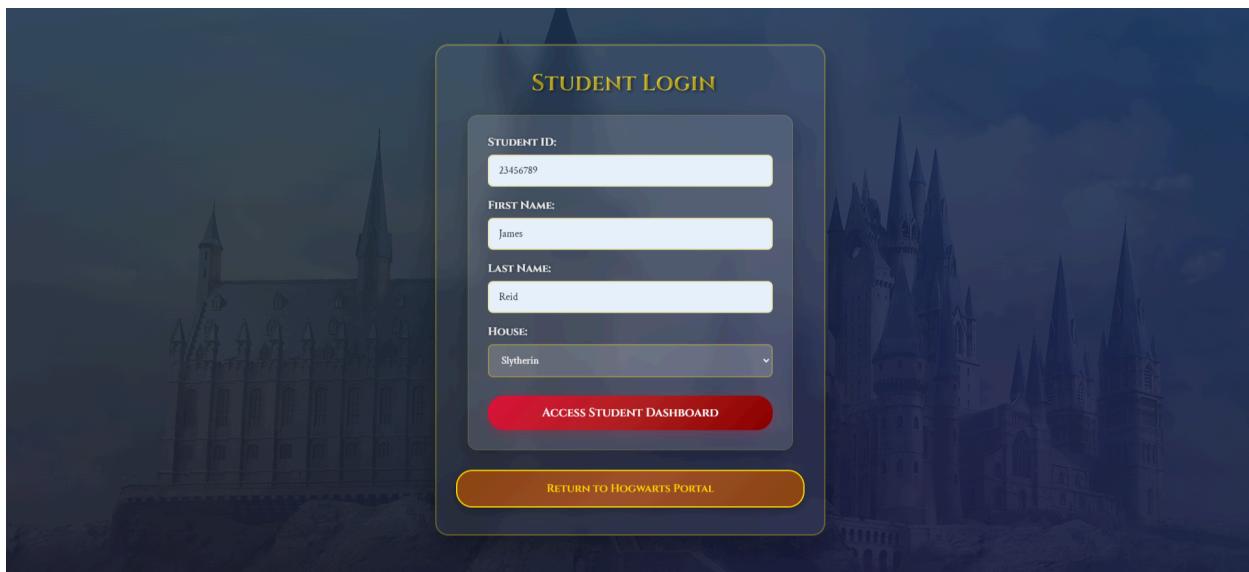


3



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

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





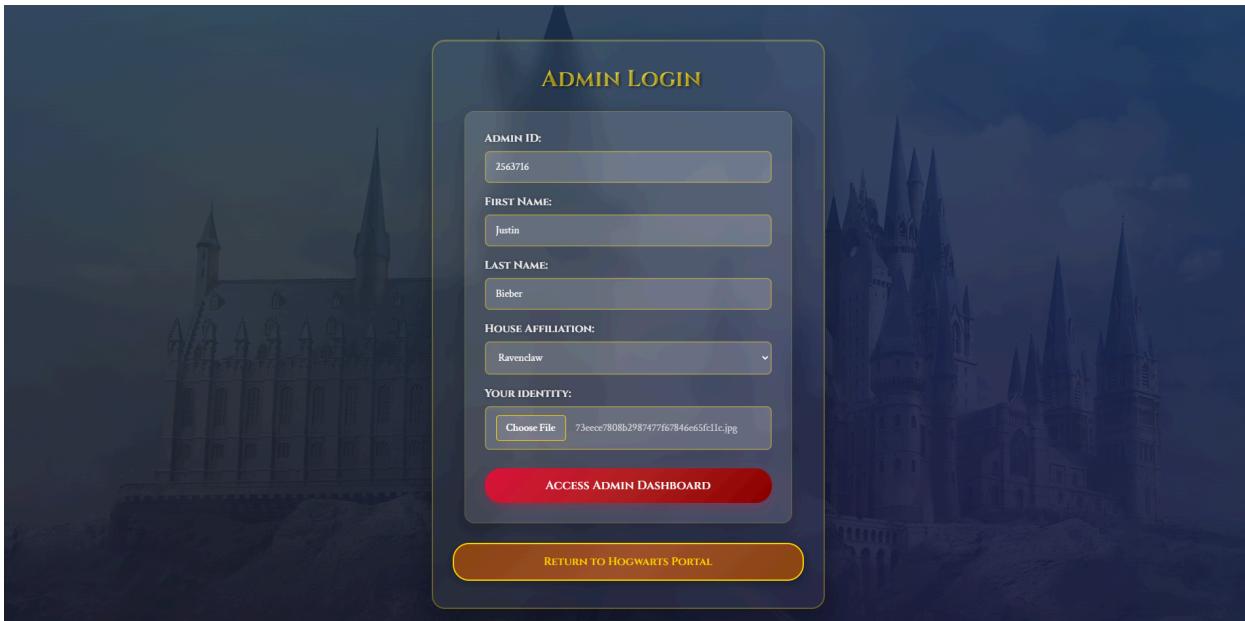
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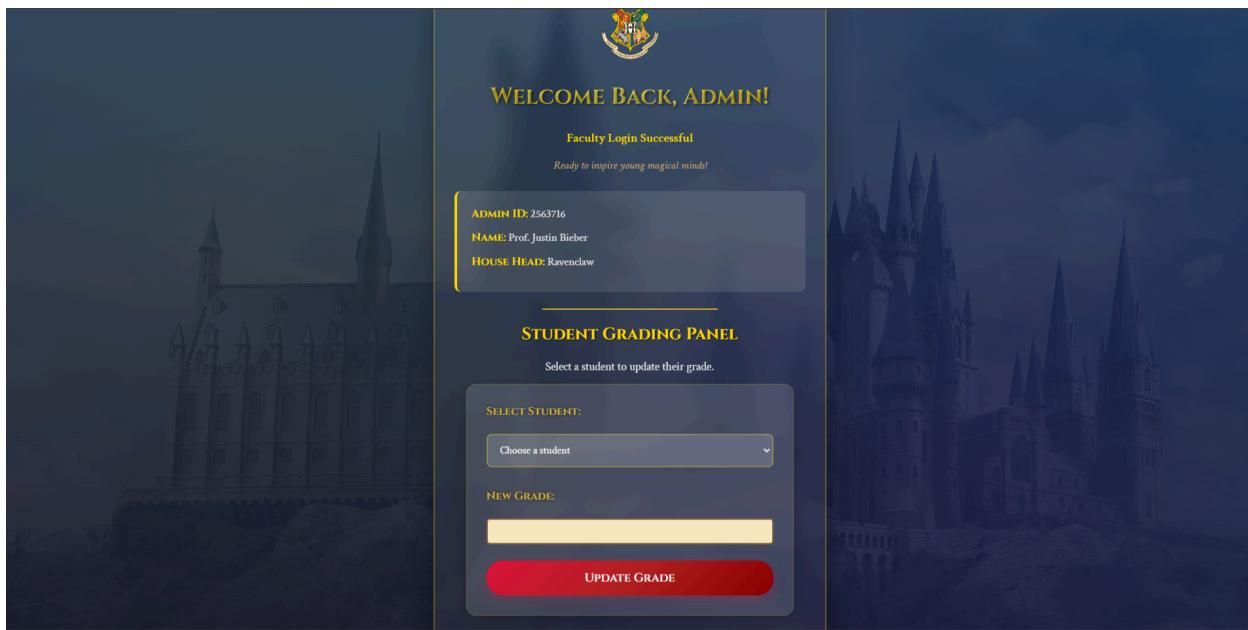
4

```
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 a "Ready to inspire young magical minds!" tagline. A sidebar shows 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. It includes a dropdown for "SELECT STUDENT" and a text input for "NEW GRADE", 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

STUDENT GRADING PANEL

Select a student to update their grade.

SELECT STUDENT:

James Reid (Grade: 0)

NEW GRADE:

95

UPDATE GRADE

STUDENT GRADING PANEL

Select a student to update their grade.

SELECT STUDENT:

James Reid (Grade: 95)

Choose a student

James Reid (Grade: 95)

UPDATE GRADE

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
```

Delete Student: `localhost:5173/user-result?status=success&type=admin`
DELETE /api/students/:studentID

STUDENT GRADING PANEL

Select a student to update their grade or delete them.

SELECT STUDENT:

Hermione Granger (Grade: 0)

Choose a student

James Reid (Grade: 95)

Hermione Granger (Grade: 0)

UPDATE GRADE

DELETE STUDENT

localhost:5173 says

Are you sure you want to delete student with ID HG1991? This action cannot be undone.

OK Cancel

STUDENT GRADING PANEL

Select a student to update their grade or delete them.

SELECT STUDENT:

Choose a student

NEW GRADE:

UPDATE GRADE

DELETE STUDENT

Student deleted successfully!



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```
New Student Created: {  
    studentID: 'HG1991',  
    firstName: 'Hermione',  
    lastName: 'Granger',  
    house: 'Gryffindor',  
    grade: 0,  
    profilePicturePath: ''  
}  
Student with ID HG1991 deleted.
```

All API Endpoints

GET /api/users

A screenshot of a browser window showing the response for the GET /api/users endpoint. The URL is "localhost:5173/api/users". The response is a JSON object with "success": true and a "data" array containing one user object: {"userID": "20943584", "firstName": "Gabrielle", "lastName": "Velasquez"}.

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

GET /api/students

A screenshot of a browser window showing the response for the GET /api/students endpoint. The URL is "localhost:5173/api/students". The response is a JSON object with "success": true and a "data" array containing one student object: {"studentID": "23456789", "firstName": "James", "lastName": "Reid", "house": "Slytherin", "grade": 95, "profilePicturePath": ""}.

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



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GET /api/admins

A screenshot of a web browser window showing a JSON response. The URL in the address bar is "localhost:5173/api/admins". The response is a JSON object with "success": true and "data": [{ "adminID": "2563716", "firstName": "Justin", "lastName": "Bieber", "house": "Ravenclaw", "profilePicturePath": "client\\public\\uploads\\profilePicture-1758035539377-996722096.jpg" }].

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

Error Page: localhost:5173/wrong

