

# Unity Internship Assignment

## Project Title: Smart Student ID Generator (ReactJS + Replit)

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### Objective

Build a mini version of Unity's **Student ID Card generation module** using **ReactJS** on **Replit/Lovable/V0**. Test your logic, UI polish, integration mindset, and attention to detail — just like you would in the real Unity team.

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### Tech Requirements

- **ReactJS (18+)**
  - **Use `@lovable/replit/v0`**
  - Use libraries like:
    - `qrcode.react` for QR Code
    - `html-to-image` for download as PNG
    - Any styling method (TailwindCSS preferred)
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### Features You Need to Build

#### 1. Student Data Form

Capture these fields:

- Name
- Roll Number
- Class & Division (dropdown)

- Allergies (multi-select)
- Photo Upload (with preview)
- Rack Number
- Bus Route Number (dropdown)
- Submit Button

## 2. Smart ID Card Preview

Once submitted, generate an **ID card view** that shows:

- Student info
- Photo
- Allergies (if any)
- Rack & Bus Route
- **QR Code** (containing full JSON of student data)
- “Download as PNG” button

## 3. Template Switching

- Add a dropdown/toggle to switch between **2 design templates**

## 4. (Bonus) Persistent Data

- Save entries to localStorage
- Allow listing + downloading older cards

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## Final Deliverables

✓ **Working Replit Project**

✓ **3–5 minute Video Walkthrough** showing:

- Form entry
- Template switch
- Card preview & download
  - ✓ **Well-written README** with your thought process

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## **Submission Instructions**

Email your application to: **nikhil@unityedu.ai**

Subject Line: **Unity Intern Application - [Your Name]**

Include the following in your email:

1. **Your CV**
2. **Replit Link, GitHub Repo (optional), and Video Walkthrough Link** (YouTube/Drive)
3. **Expected Stipend or Salary**
4. **Joining Period** (When can you start?)
5. **Maximum Duration** you are available for (e.g., 1 month, 3 months, etc.)
6. **Can you work from the office (Pune)?** If yes, mention how many days/week.

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## **Deadline**

Submit **within 48 hours** of receiving this brief.