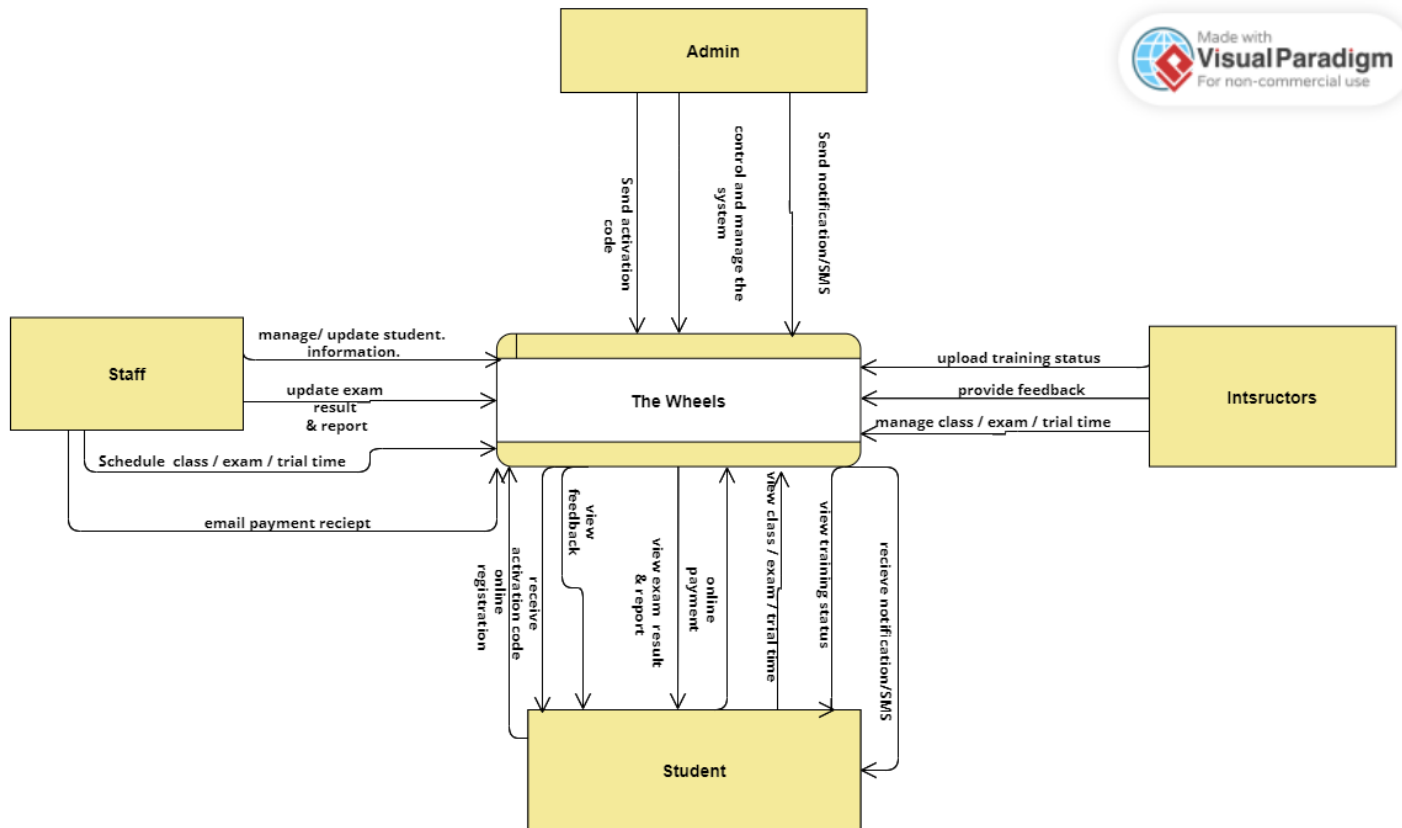The Open University of Sri Lanka
Department of Electrical and Computer Engineering
EEI 4267 – Requirement Engineering
Mini Project

Section B
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Group Name: Black Pearl

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Context Data Flow Diagram

Scope inclusion

Scope inclusion include all the essential features and functionalities required to manage the driving school's day-to-day operations and facilitate communication between staff members, instructors, and students and end to end operations of a driving school, from student registration to provide valid licence.

1. **Student registration and management:**
   - Create Account to access the system.
   - Student registration.
   - Update and Manage student records.
   - Schedules
   - Training progress.

2. **Document submission and verification:**
   - This would include features for students to submit their required documents such as,
     - ✓ Medical certificate
     - ✓ Birth certificate copy
     - ✓ National ID copy
     - ✓ Photos

   As well as the ability to verify and track the status of these documents.

3. **Payment processing:**
   - Accepting and processing payments from students for registration.
   - Exams payments.
   - Payments for Training classes, and other services.

4. **Exam scheduling and results management:**
   - Scheduling exams
   - Notifying students of exam details
   - Managing exam results.

5. **Training scheduling and progress tracking:**
   - Scheduling training classes
   - Tracking the progress of each student through the training process.

6. **Trial examination:**
   - Conducting trial examinations for students to assess their readiness for the practical driving test for who well trained.

7. **Vehicle learning guide and tutorials:**
   - Access to vehicle learning guides.
   - Tutorials
   - Other resources to help them prepare for their driving lessons and exams.

8. **Communication and notification:**
   - This would include features for Staff members, Instructors, and Students to communicate with each other and receive notifications about their schedules, progress, and other important information.
   - Students can get SMS Alert about their progress.

9. **System administration and reporting:**
   - Include features for system administrators to
     - ✓ Manage the system.
     - ✓ Generate reports.
     - ✓ Maintenance.

Scope exclusion

This would focus on the key operational features necessary to manage the driving school's day-to-day activities.

1. **Staff and instructor management:**
   - System provide access for staff members to update student details and managing.
   - Provide Schedules to students and Instructors.
   - Provide feedback for students.
   - Track Training progress.
   - System allows Instructors update training details and feedback.

2. **Marketing and advertising:**
   - System allows students to share their progress on social media.

3. **Regulatory compliance:**
   - Storing and managing required documents such as medical certificates, BC copy, NIC copy, Photos.

4. **Customer support:**
   - System includes features for communication between staff members, instructors, and students.

5. **Online payment processing:**
   - System gives online payment processing platforms or allow students to make payments online.