**Detail Design**

**On**

**Waste Recycle Feedback System(WRFS)**

**Course No: CSE 3204**

**Course Title: Software Engineering and Information System Project**

**Moushan Naznin**

**Student Id: 160226**

**&**

**MD Tanvir Hossain Hemel**

**Student Id: 160238**

**Project Manager:   
Dr. Kazi Masudul Alam   
Associate Professor,  
Computer Science & Engineering Discipline,  
Khulna University**

**Class Admin**

boolean **Create\_Admin (** String name, String email, String password, String phone\_number **)**

Admin **View\_Profile (** String id **)**

boolean **Edit\_Profile (** String id **)**

List<admin> **Get\_Admin\_list ( )**

**Class User**

Boolean **Create\_User (**String name, String email, String address, String holding\_no, String phone\_number, String ward\_number, Boolean is\_approved**)**

User **View\_Profile** (String id)

boolean **Edit\_Profile (** String id **)**

List<admin> **Get\_User\_list ( )**

**Class Waste\_Collector**

Boolean **Create\_Waste\_Collector (**String name, String image\_link, String address, String phone\_number**)**

User **View\_Profile** (String id)

boolean **Edit\_Profile (** String id **)**

List<admin> **Get\_Waste\_Collector\_list ( )**

**Class Feedback**

boolean **Create\_Work\_Progress(** String Id, String user\_id**,** String description, String idea, String ward\_number **)**

List<Feedback> **Get\_All\_Work\_Feedback\_List()**

boolean **Delete\_Feedback(** String id**)**

**Class Payment**

boolean **Create\_Payment(** String Id, String user\_id**,** String month, String year, String transaction\_id, String payment\_method**)**

List<Payment> **Get\_All\_Work\_Payment\_List()**

boolean **Delete\_Payment(** String id**)**

List<Payment> **Get\_All\_Work\_Payment\_List\_By\_User(String user\_id)**

**Class Ward**

boolean **Create\_Ward (** Int ward\_number, String ward\_name, String ward\_comissioner**)**

boolean **Delete\_Ward(** Int ward\_number**)**

List<Ward> **Get\_All\_Ward\_List()**

**Class Working\_Schedule**

boolean **Create\_Working\_Schedule(** String Id, Date date**,** Int ward\_number, String waste\_collector\_id, Timestamp time**)**

List<Working\_Schedule> **Get\_All\_Working\_Schedule ()**

boolean **Delete\_Working\_Schedule(** String id**)**

List<Payment> **Get\_All\_Work\_Payment\_List\_By\_Waste\_Collector(String waste\_collector\_id**