IDBMS PROJECT : Newsletter-Subscription-System

DATE : 13-11-2020

TEAM MEMBERS

19UCC026 Divyansh Rastogi

19UCC023 Mohit Akhouri

19UCC043 Aditya Pandey

19UCC004 Pawan Khandelwal

Table of Contents

1. Introduction 3

1.1. System Overview 3

1.2. Acronyms and Abbreviations 3

1.3. Points of Contact 3

2. System Architecture 4

2.2 Database and Application Software Utilities 5

3. PLUS Quality Assurance Process and Procedures 5

4. Database Specifications 18

4.1. Physical Design 18

4.2. Physical Structure 19

4.3. User Access Management for PLC Database 19

# Introduction

Table-1 users

| Name of attributes | type | details |
| --- | --- | --- |
| u\_id | int | primary key, not null |
| email | VARCHAR(100) | Unique, not null |
| name | VARCHAR(100) | not null |
| password | VARCHAR(100) | not null |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP, not null |

Table-2 Newsletters

| Name of attributes | type | details |
| --- | --- | --- |
| n\_id | int | primary key, not null |
| n\_name | varchar(50) | Newsletter name |
| description | text | Details about newslleter |

Table-3 subscriber

| Name of attributes | type | details |
| --- | --- | --- |
| s\_id | int | PRIMARY KEY |
| user\_id | int | foreign key ref users.id |
| news\_id | int | foreign key ref newsletter.id |