Data Dictionary

For

Online College Administration System

Prepared by:
Group 5
Sakshi Gupta (Roll: 22)
Shashwat Roy (Roll: 23)
Surya Chakraborty (Roll: 24)
Shubham Sarkar (Roll: 25)
Swastik Biswas (Roll: 26)

Information Technology(IT), 5th Semester, 3rd Year,
Meghnad Saha Institute of Technology

Year: 2021

For Student,

<u>Login</u>
Username: String
Password: String

Student's Admission Details = Name + Stream +Government Id Number + Phone Number + Email Address + address + (Local Address) + Guardian's Name + School's Details + Marksheet + Government Id Proof

Name: String
Stream: String
Government Id number: Integer
Phone number: Integer
Email Address: String
Address: Street Name + (Street Number) + Pincode + State
Street Name: String
Street Number: Integer
Pincode: Integer
State: String
Local Address: String   *This Data is Optional*
Guardian's Name: String
Local Guardian's Name: String   *This Data is Optional*
School's Details: String
Marksheet: Image   *Image will be needed to attach*
Government Id Proof: Image   *Image will be needed to attach*

Student's Information= Name + Stream + Unique Id+ Registration Number + Government Id Number + Phone Number + (Email Address) + address + (Local Address) + Semester + (Last Semester Marksheet)

Name: String
Stream: String
Unique Id: Integer
Registration Number: Integer
Phone number: Integer
Email Address: String
Government Id number: Integer
Address: Street Name + (Street Number) + Pincode + State
Street Name: String
Street Number: Integer
Pincode: Integer
State: String
Local Address: String
Semester: Integer
Last Semester Marksheet: Image   *Image will be needed to attach*

Fees and Salary: Fee Pay= Semester + Bank name + Account Number + (IFSC Code)+ Credit/debit card number + Expiry + CVV

Semester: Integer
Bank Name: String
Account Number: Integer
IFSC Code: Integer
Credit/Debit Card Number: Integer
Expiry: Integer
CVV: Integer

Exam: Submit Answer Script= Name + Unique Id + (email Address) + Answers

Name: String
Unique Id: Integer
Email Address: String

Answer: Image

For Teacher

<u>Login</u>
Username: String
Password: String

Student's Details= Name + Stream + Unique Id+ Registration Number + Government Id Number + Phone Number + (Email Address) + address + (Local Address) + Semester + (Last Semester Marksheet)

Name: String
Stream: String
Unique Id: Integer
Registration Number: Integer
Phone number: Integer
Email Address: String
Government Id number: Integer
Address: Street Name + (Street Number) + Pincode + State
Street Name: String
Street Number: Integer
Pincode: Integer
State: String
Local Address: String
Semester: Integer
Last Semester Marksheet: Image   *Image will be needed to attach*

Attendance= Name + Unique Id + Attendance Status
Name: String: {Name}100
Unique Id: String: {Unique Id}100
Attendance Status: {Attendance Status}100

Exam: Question Paper: Image/Docx/PDF: {Question Paper}100

Result= Name + Unique Id + Result Status
Name: String: {Name}100
Unique Id: String: {Unique Id}100
Result Status: {Result Status}100

<u>For Admin</u>

<u>Login</u>
Username: String
Password: String

Student's Information= Name + Stream + Unique Id+ Registration Number + Government Id Number + Phone Number + (Email Address) + address + (Local Address) + Semester + (Last Semester Marksheet) + Confirmation of Admission

Name: String
Stream: String
Unique Id: Integer
Registration Number: Integer
Phone number: Integer
Email Address: String
Government Id number: Integer
Address: Street Name + (Street Number) + Pincode + State
Street Name: String

Street Number: Integer
Pincode: Integer
State: String
Local Address: String
Semester: Integer
Last Semester Marksheet: Image   *Image will be needed to attach*
Confirm Admission: String

Student's Admission Information= Department allotted + Form number + Registration number + Unique ID number + Admission Confirmation
Department Allotted: String: {Department Allotted}100
Form number: Integer: {Form number}1000
Registration number: Integer : {Registration number}1000
Unique Id number: Integer: {Unique Id number}1000
Admission Confirmation: Boolean