

Relational Schema for Database Project

Applicant (Applicant ID, Registration Number, Center ID, Student Name, Password, Applicant Location, Preferred Location, HSC Year, HSC GPA, SSC GPA, Quota Status, Exam Roll)

Center (Center ID, Name, Location, Capacity, Start Roll, End Roll)

Preference List (Applicant ID, 1st Choice, 2nd Choice, ... , 36th Choice, 37th Choice)

College (College ID, Name, General Seats, General Allocated, Freedom Fighter Quota Seats, Freedom Fighter Quota Allocated, Tribal Quota Seats, Tribal Quota Allocated)

Admin Info (Admin ID, Admin Name, password)

Global Data (Exam Date_Time, State of the System, Admin Message)

Board Exam Result 2019-2021 (Registration Number, SSC GPA, HSC GPA, HSC Biology Grade Point)

Board Exam Result 2020-2022 (Registration Number, SSC GPA, HSC GPA, HSC Biology Grade Point)

Result (Exam Roll, Biology, Chemistry, Physics, English, General Knowledge, Aggregate Marks)

General Merit List (Applicant ID, Exam Roll, Merit Position, College ID, Migration Status)

FF Quota Merit List (Applicant ID, Exam Roll, Merit Position, College ID, Migration Status)

Tribal Quota Merit List (Applicant ID, Exam Roll, Merit Position, College ID, Migration Status)

Alloted_to (Applicant ID, Merit Position, College ID, Migration Status)

Alloted_to_FF (Applicant ID, Merit Position, College ID)

Alloted_to_T (Applicant ID, Merit Position, College ID)