**Student Performance**

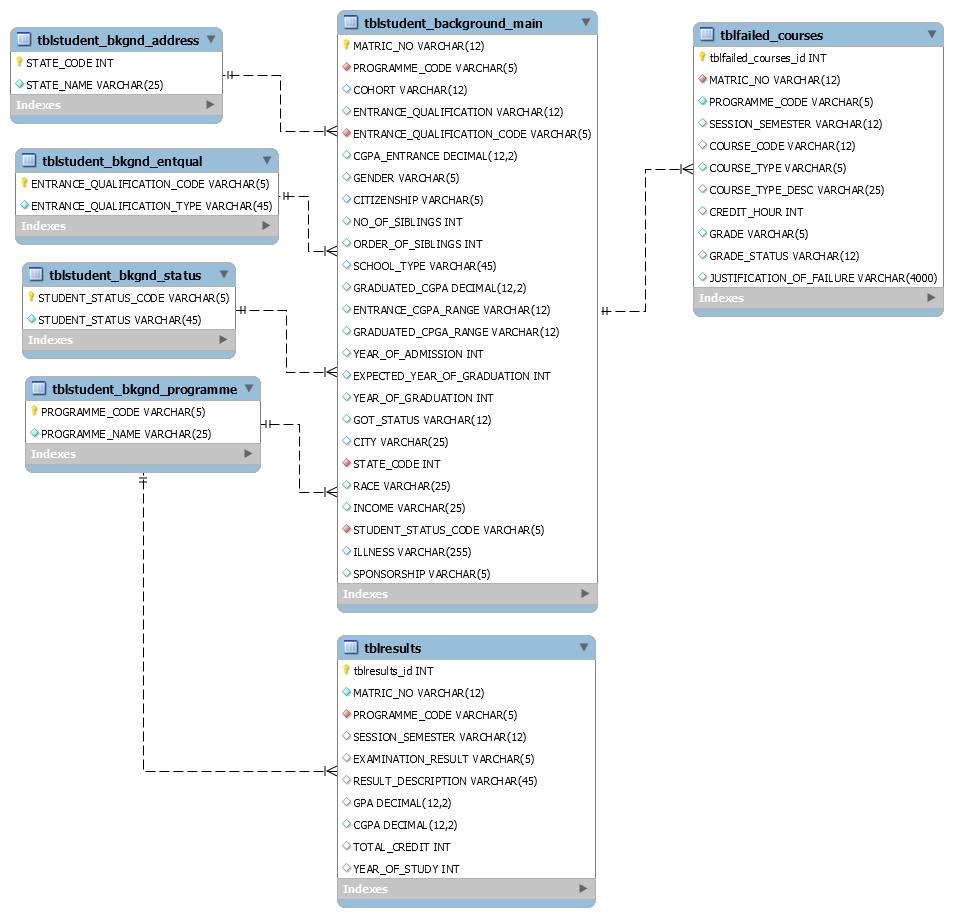
**Analysis Model**

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) Servers

Servers

Servers **1**



[360digi\_db.localhost](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html)

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) 360digi\_db.localhost



360digi\_db.localhost

Databases **1**



[360digi\_db](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html)

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Product | MySQL |
| Version | 8.0.20 |
| Version Comment | MySQL Community Server - GPL |
| Version Compile Machine | x86\_64 |
| Version Compile Os | Win64 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Hostname | localhost |
| Port | 3306 |
| Base Directory | C:\Program Files\MySQL\MySQL Server 8.0\ |

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) Databases





Databases

Databases **1**



[360digi\_db](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html)

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) 360digi\_db



360digi\_db

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Collation | utf8mb4\_0900\_ai\_ci |

Object Types **1**



[Tables](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html)

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) Tables



Tables

Objects **7**

|  |  |
| --- | --- |
| **Name** | **Description** |
| [tblfailed\_courses](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblfailed_courses.html) | Database for Failed Courses. This includes the course and program the students failed |
| [tblresults](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblresults.html) | Database for Results of Students on the given program for the semester. |
| [tblstudent\_background\_main](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_background_main.html) | Database for the background of the students. |
| [tblstudent\_bkgnd\_address](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_address.html) | Database for the state and location of the students. |
| [tblstudent\_bkgnd\_entqual](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_entqual.html) | Database for the entrance qualification of the students |
| [tblstudent\_bkgnd\_programme](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_programme.html) | Database for the program the students enrolled. |
| [tblstudent\_bkgnd\_status](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_status.html) | Database for the current status of the students. |

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblfailed\_courses

tblfailed\_courses

Description

Database for Failed Courses. This includes the course and program the students failed

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 356 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 11:22:00 am |
| Last Modified | 04/08/2020 10:13:11 am |

Columns

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | tblfailed\_courses\_id | INT |  | 11 |  | **False** | **False** | **False** | **True** | **True** |  | **False** |  |
|  | MATRIC\_NO | VARCHAR | 12 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | PROGRAMME\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | SESSION\_SEMESTER | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | COURSE\_CODE | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | COURSE\_TYPE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | COURSE\_TYPE\_DESC | VARCHAR | 25 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | CREDIT\_HOUR | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | GRADE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | GRADE\_STATUS | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | JUSTIFICATION\_OF\_FAILURE | VARCHAR | 4000 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |

Indexes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Columns** | **Unique** | **Type** | **Key Lengths** |
|  | tblfailed\_courses\_id\_UNIQUE | tblfailed\_courses\_id | **True** | None |  |
|  | MATRIC\_NO\_index | MATRIC\_NO | **False** | None |  |
|  | PROGRAMME\_CODE\_idx | PROGRAMME\_CODE | **False** | None |  |

Foreign Keys

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Columns** | **Delete Rule** | **Update Rule** |
| MATRIC\_NO | MATRIC\_NO | N/S | N/S |

SQL Script

CREATE TABLE tblfailed\_courses (

tblfailed\_courses\_id INT NOT NULL AUTO\_INCREMENT, MATRIC\_NO VARCHAR(12) NOT NULL, PROGRAMME\_CODE VARCHAR(5) NOT NULL, SESSION\_SEMESTER VARCHAR(12) DEFAULT NULL, COURSE\_CODE VARCHAR(12) DEFAULT NULL, COURSE\_TYPE VARCHAR(5) DEFAULT NULL, COURSE\_TYPE\_DESC VARCHAR(25) DEFAULT NULL, CREDIT\_HOUR INT DEFAULT NULL,

GRADE VARCHAR(5) DEFAULT NULL, GRADE\_STATUS VARCHAR(12) DEFAULT NULL, JUSTIFICATION\_OF\_FAILURE VARCHAR(4000) DEFAULT NULL, PRIMARY KEY (tblfailed\_courses\_id),

UNIQUE INDEX tblfailed\_courses\_id\_UNIQUE(tblfailed\_courses\_id)

)

ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

ALTER TABLE tblfailed\_courses

ADD INDEX MATRIC\_NO\_index(MATRIC\_NO);

ALTER TABLE tblfailed\_courses

ADD INDEX PROGRAMME\_CODE\_idx(PROGRAMME\_CODE);

ALTER TABLE tblfailed\_courses

ADD CONSTRAINT MATRIC\_NO FOREIGN KEY (MATRIC\_NO)

REFERENCES tblstudent\_background\_main(MATRIC\_NO) ON DELETE CASCADE ON UPDATE CASCADE;

Depends On **1**



[tblstudent\_background\_main](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_background_main.html)

Used By

No items found

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblresults





tblresults

Description

Database for Results of Students on the given program for the semester.

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 426 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 11:21:05 am |
| Last Modified | 04/08/2020 10:13:11 am |

Column

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | tblresults\_id | INT |  | 11 |  | **False** | **False** | **False** | **True** | **True** |  | **False** |  |
|  | MATRIC\_NO | VARCHAR | 12 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | PROGRAMME\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | SESSION\_SEMESTER | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | EXAMINATION\_RESULT | VARCHAR | 5 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | RESULT\_DESCRIPTION | VARCHAR | 45 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | GPA | DECIMAL |  | 12 | 2 | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CGPA | DECIMAL |  | 12 | 2 | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | TOTAL\_CREDIT | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | YEAR\_OF\_STUDY | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |

Indexes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Columns** | **Unique** | **Type** | **Key Lengths** |
|  | MATRIC\_NO | MATRIC\_NO | **False** | None |  |
|  | PROGAMME\_CODE | PROGRAMME\_CODE | **False** | None |  |

Foreign Keys

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Columns** | **Delete Rule** | **Update Rule** |
| PROGAMME\_CODE | PROGRAMME\_CODE | N/S | N/S |

SQL Script

CREATE TABLE tblresults (

tblresults\_id INT NOT NULL AUTO\_INCREMENT, MATRIC\_NO VARCHAR(12) NOT NULL, PROGRAMME\_CODE VARCHAR(5) NOT NULL, SESSION\_SEMESTER VARCHAR(12) DEFAULT NULL, EXAMINATION\_RESULT VARCHAR(5) DEFAULT NULL, RESULT\_DESCRIPTION VARCHAR(45) DEFAULT NULL, GPA DECIMAL(12, 2) DEFAULT NULL,

CGPA DECIMAL(12, 2) DEFAULT NULL, TOTAL\_CREDIT INT DEFAULT NULL, YEAR\_OF\_STUDY INT DEFAULT NULL,

PRIMARY KEY (tblresults\_id)

)

ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

ALTER TABLE tblresults

ADD INDEX MATRIC\_NO(MATRIC\_NO) INVISIBLE;

ALTER TABLE tblresults

ADD CONSTRAINT PROGAMME\_CODE FOREIGN KEY (PROGRAMME\_CODE)

REFERENCES tblstudent\_bkgnd\_programme(PROGRAMME\_CODE) ON DELETE CASCADE ON UPDATE CASCADE;

Depends On **1**



[tblstudent\_bkgnd\_programme](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_programme.html)

Used By

No items found

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblstudent\_background\_main

tblstudent\_background\_main

Description

Database for the background of the students.

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 0 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 10:11:35 am |
| Last Modified | 04/08/2020 9:34:21 am |

Columns

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | MATRIC\_NO | VARCHAR | 12 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | PROGRAMME\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | COHORT | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | ENTRANCE\_QUALIFICATION | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | ENTRANCE\_QUALIFICATION\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | CGPA\_ENTRANCE | DECIMAL |  | 12 | 2 | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | GENDER | VARCHAR | 5 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | CITIZENSHIP | VARCHAR | 5 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | NO\_OF\_SIBLINGS | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | ORDER\_OF\_SIBLINGS | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | SCHOOL\_TYPE | VARCHAR | 45 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | GRADUATED\_CGPA | DECIMAL |  | 12 | 2 | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | ENTRANCE\_CGPA\_RANGE | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | GRADUATED\_CPGA\_RANGE | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | YEAR\_OF\_ADMISSION | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | EXPECTED\_YEAR\_OF\_GRADUATION | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | YEAR\_OF\_GRADUATION | INT |  | 11 |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | GOT\_STATUS | VARCHAR | 12 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | CITY | VARCHAR | 25 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | STATE\_CODE | INT |  | 11 |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | RACE | VARCHAR | 25 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | INCOME | VARCHAR | 25 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | STUDENT\_STATUS\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | ILLNESS | VARCHAR | 255 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |
|  | SPONSORSHIP | VARCHAR | 5 |  |  | **False** | **False** | **False** | **False** | **False** | NULL | **False** |  |

Indexes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Columns** | **Unique** | **Type** | **Key Lengths** |
|  | YEAR\_OF\_ADMISSION\_index | YEAR\_OF\_ADMISSION | **False** | None |  |
|  | EXPECTED\_YEAR\_OF\_GRADUATION\_index | EXPECTED\_YEAR\_OF\_GRADUATION | **False** | None |  |
|  | YEAR\_OF\_GRADUATION\_index | YEAR\_OF\_GRADUATION | **False** | None |  |
|  | STATE\_CODE\_index | STATE\_CODE | **False** | None |  |
|  | ENTRANCE\_QUALIFICATION\_CODE | ENTRANCE\_QUALIFICATION\_CODE | **False** | None |  |
|  | PROGRAMME\_CODE\_idx | PROGRAMME\_CODE | **False** | None |  |
|  | STUDENT\_STATUS\_CODE\_idx | STUDENT\_STATUS\_CODE | **False** | None |  |

Foreign Keys

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Columns** | **Delete Rule** | **Update Rule** |
| ENTRANCE\_QUALIFICATION\_CODE | ENTRANCE\_QUALIFICATION\_CODE | N/S | N/S |
| PROGRAMME\_CODE | PROGRAMME\_CODE | N/S | N/S |
| STATE\_CODE | STATE\_CODE | N/S | N/S |
| STUDENT\_STATUS\_CODE | STUDENT\_STATUS\_CODE | N/S | N/S |

SQL Script

CREATE TABLE tblstudent\_background\_main ( MATRIC\_NO VARCHAR(12) NOT NULL, PROGRAMME\_CODE VARCHAR(5) NOT NULL, COHORT VARCHAR(12) DEFAULT NULL,

ENTRANCE\_QUALIFICATION VARCHAR(12) DEFAULT NULL, ENTRANCE\_QUALIFICATION\_CODE VARCHAR(5) NOT NULL, CGPA\_ENTRANCE DECIMAL(12, 2) DEFAULT NULL,

GENDER VARCHAR(5) DEFAULT NULL, CITIZENSHIP VARCHAR(5) DEFAULT NULL, NO\_OF\_SIBLINGS INT DEFAULT NULL, ORDER\_OF\_SIBLINGS INT DEFAULT NULL, SCHOOL\_TYPE VARCHAR(45) DEFAULT NULL, GRADUATED\_CGPA DECIMAL(12, 2) DEFAULT NULL,

ENTRANCE\_CGPA\_RANGE VARCHAR(12) DEFAULT NULL,

GRADUATED\_CPGA\_RANGE VARCHAR(12) DEFAULT NULL, YEAR\_OF\_ADMISSION INT DEFAULT NULL, EXPECTED\_YEAR\_OF\_GRADUATION INT DEFAULT NULL, YEAR\_OF\_GRADUATION INT DEFAULT NULL,



GOT\_STATUS VARCHAR(12) DEFAULT NULL, CITY VARCHAR(25) DEFAULT NULL, STATE\_CODE INT NOT NULL,

RACE VARCHAR(25) DEFAULT NULL, INCOME VARCHAR(25) DEFAULT NULL, STUDENT\_STATUS\_CODE VARCHAR(5) NOT NULL, ILLNESS VARCHAR(255) DEFAULT NULL, SPONSORSHIP VARCHAR(5) DEFAULT NULL, PRIMARY KEY (MATRIC\_NO)

)

ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

ALTER TABLE tblstudent\_background\_main

ADD INDEX YEAR\_OF\_ADMISSION\_index(YEAR\_OF\_ADMISSION);

ALTER TABLE tblstudent\_background\_main

ADD INDEX EXPECTED\_YEAR\_OF\_GRADUATION\_index(EXPECTED\_YEAR\_OF\_GRADUATION);

ALTER TABLE tblstudent\_background\_main

ADD INDEX YEAR\_OF\_GRADUATION\_index(YEAR\_OF\_GRADUATION);

ALTER TABLE tblstudent\_background\_main

ADD INDEX STATE\_CODE\_index(STATE\_CODE);

ALTER TABLE tblstudent\_background\_main

ADD INDEX PROGRAMME\_CODE\_idx(PROGRAMME\_CODE);

ALTER TABLE tblstudent\_background\_main

ADD INDEX STUDENT\_STATUS\_CODE\_idx(STUDENT\_STATUS\_CODE);

ALTER TABLE tblstudent\_background\_main

ADD CONSTRAINT ENTRANCE\_QUALIFICATION\_CODE FOREIGN KEY (ENTRANCE\_QUALIFICATION\_CODE)

REFERENCES tblstudent\_bkgnd\_entqual(ENTRANCE\_QUALIFICATION\_CODE) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE tblstudent\_background\_main

ADD CONSTRAINT PROGRAMME\_CODE FOREIGN KEY (PROGRAMME\_CODE)

REFERENCES tblstudent\_bkgnd\_programme(PROGRAMME\_CODE) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE tblstudent\_background\_main

ADD CONSTRAINT STATE\_CODE FOREIGN KEY (STATE\_CODE)

REFERENCES tblstudent\_bkgnd\_address(STATE\_CODE) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE tblstudent\_background\_main

ADD CONSTRAINT STUDENT\_STATUS\_CODE FOREIGN KEY (STUDENT\_STATUS\_CODE)

REFERENCES tblstudent\_bkgnd\_status(STUDENT\_STATUS\_CODE) ON DELETE CASCADE ON UPDATE CASCADE;

Depends On **4**

[tblstudent\_bkgnd\_address](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_address.html)

[tblstudent\_bkgnd\_entqual](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_entqual.html)

[tblstudent\_bkgnd\_programme](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_programme.html)

[tblstudent\_bkgnd\_status](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_bkgnd_status.html)

Used By **1**

[tblfailed\_courses](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblfailed_courses.html)

Author: Copyright © All Rights Reserved Created: 05/08/2020

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblstudent\_bkgnd\_address



tblstudent\_bkgnd\_address

Description

Database for the state and location of the students.

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 0 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 11:23:17 am |
| Last Modified | 04/08/2020 9:35:53 am |

Columns

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | STATE\_CODE | INT |  | 11 |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | STATE\_NAME | VARCHAR | 25 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |

SQL Script

CREATE TABLE tblstudent\_bkgnd\_address ( STATE\_CODE INT NOT NULL, STATE\_NAME VARCHAR(25) NOT NULL, PRIMARY KEY (STATE\_CODE)

)

ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

Depends On

No items found

Used By **1**

 [tblstudent\_background\_main](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_background_main.html)

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblstudent\_bkgnd\_entqual



tblstudent\_bkgnd\_entqual

Description

Database for the entrance qualification of the students

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 0 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 11:23:09 am |
| Last Modified | 04/08/2020 9:35:18 am |

Columns

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | ENTRANCE\_QUALIFICATION\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | ENTRANCE\_QUALIFICATION\_TYPE | VARCHAR | 45 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |

SQL Script

CREATE TABLE tblstudent\_bkgnd\_entqual ( ENTRANCE\_QUALIFICATION\_CODE VARCHAR(5) NOT NULL, ENTRANCE\_QUALIFICATION\_TYPE VARCHAR(45) NOT NULL, PRIMARY KEY (ENTRANCE\_QUALIFICATION\_CODE)

)

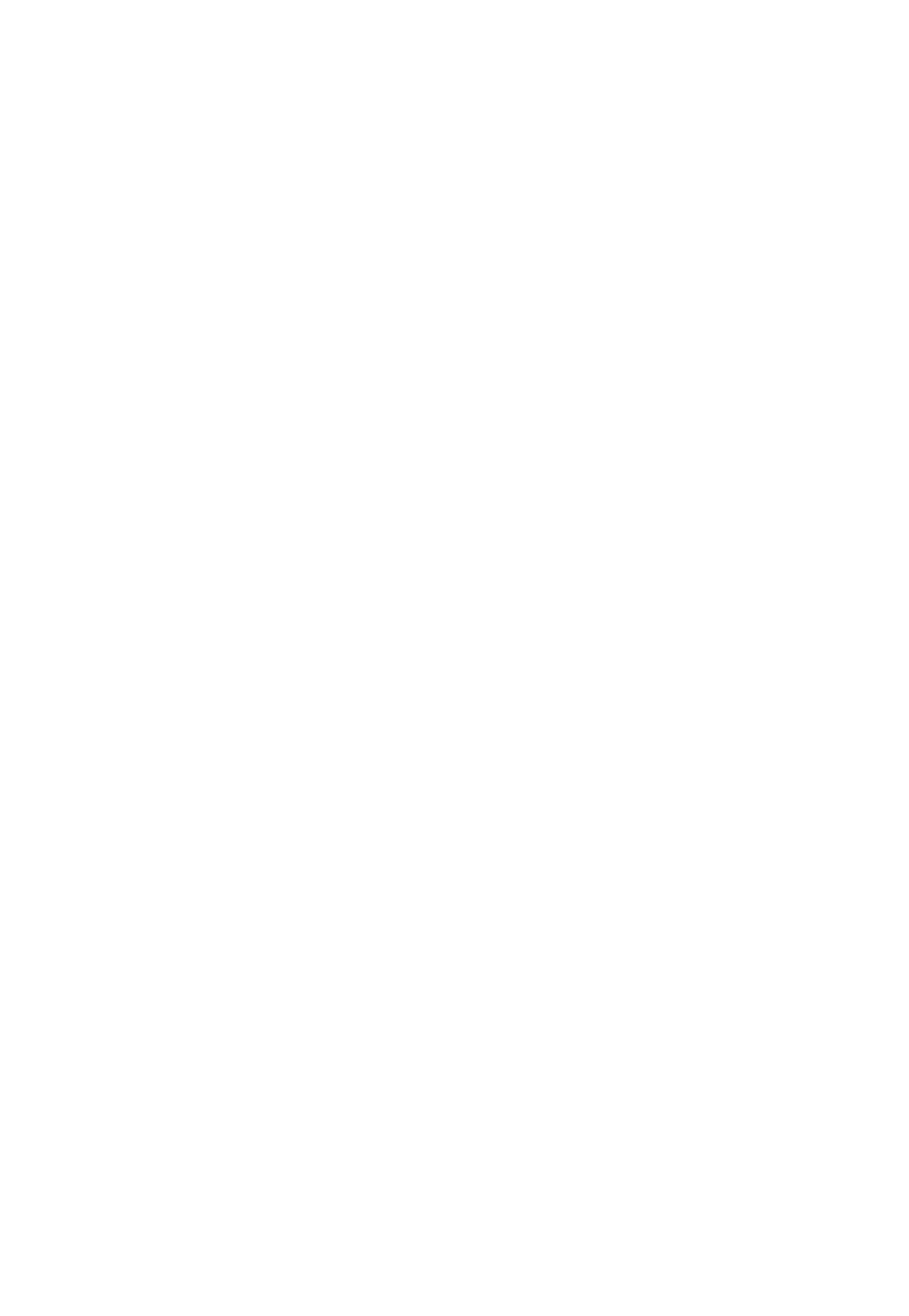
ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

Depends On

No items found

Used By **1**

[tblstudent\_background\_main](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_background_main.html)



[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblstudent\_bkgnd\_programme

tblstudent\_bkgnd\_programme

Description

Database for the program the students enrolled.

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 0 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 11:23:01 am |
| Last Modified | 04/08/2020 9:34:56 am |

Columns

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | PROGRAMME\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | PROGRAMME\_NAME | VARCHAR | 25 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |

Depends On

No items found

Used By **2**

[tblresults](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblresults.html)



[tblstudent\_background\_main](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_background_main.html)

SQL Script

CREATE TABLE tblstudent\_bkgnd\_programme ( PROGRAMME\_CODE VARCHAR(5) NOT NULL, PROGRAMME\_NAME VARCHAR(25) NOT NULL, PRIMARY KEY (PROGRAMME\_CODE)

)

ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

[Project /](file:///C:/Users/Ashner_Novilla/Documents/.temp/startpage.html) [Servers /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Root%5bProject%5d.List%5bServers%5d) [360digi\_db.localhost /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5C360digi_db.localhost.html) [Databases /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5CDatabases.html) [360digi\_db /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5C360digi_db.html) [Tables /](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5CTables.html) tblstudent\_bkgnd\_status



tblstudent\_bkgnd\_status

Description

Database for the current status of the students.

Properties

|  |  |
| --- | --- |
| **Name** | **Value** |
| Engine | InnoDB |
| Auto Increment | 0 |
| Average Row Length | 0 |
| Charset | utf8mb4 |
| Collation | utf8mb4\_0900\_ai\_ci |
| Row Format | Default |
| Min Rows | 0 |
| Max Rows | 0 |
| Checksum | **False** |
| Page Checksum | **True** |
| Pack Keys | **False** |
| Delay Key Write | **False** |
| Is Partitioned | **False** |
| Encryption | False |
| Persistent Statistics | DEFAULT |
| Auto Recalculate Statistics | DEFAULT |
| Sample Pages | 0 |
| Created | 04/08/2020 11:22:55 am |
| Last Modified | 04/08/2020 9:36:08 am |

Columns

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Key** | **Name** | **Data**  **Type** | **Length** | **Precision** | **Scale** | **Unsigned** | **Zerofill** | **Binary** | **Not**  **Null** | **Auto**  **Increment** | **Default** | **Virtual** | **Description** |
|  | STUDENT\_STATUS\_CODE | VARCHAR | 5 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |
|  | STUDENT\_STATUS | VARCHAR | 45 |  |  | **False** | **False** | **False** | **True** | **False** |  | **False** |  |

SQL Script

CREATE TABLE tblstudent\_bkgnd\_status ( STUDENT\_STATUS\_CODE VARCHAR(5) NOT NULL, STUDENT\_STATUS VARCHAR(45) NOT NULL, PRIMARY KEY (STUDENT\_STATUS\_CODE)

)

ENGINE = INNODB, CHARACTER SET utf8mb4, COLLATE utf8mb4\_0900\_ai\_ci;

Depends On

No items found

Used By **1**

[tblstudent\_background\_main](file:///C:/Users/Ashner_Novilla/Documents/.temp/Servers%5C360digi_db.localhost%5CDatabases%5C360digi_db%5CTables%5Ctblstudent_background_main.html)