* **Student**(StudentID,DOB,Gender,Mother’s Name,Permanent Address,Full Name,CPI,HSC %,SSC %,Mobile Number, Current Backlog, Father Name,Total Backlog,Current Address,Graduation %, StreamName)
* **Interest(**StudentID, Domain of Interest**)**
* **Stream(**StreamType**)**
* **StudentSPI(**StudentID, Academic Year, Semester, SPI**)**
* **RegistersFor(**StudentID, OfferID, AcceptedOffer, SelectedForOffer**)**
* **Round(**StudentID, OfferID, RoundType, SelectedInRound **)**
* **Offer(**OfferID, CompanyName,JobProfile, PPO, CTC, Bond, CPI criteria, Branch**)**
* **JobType(**Type**)**
* **OfferLocations(**OfferID,LocationName**)**
* **CompanyLocations(**CompanyName, LocationName**)**
* **Company(**Name,CategoryType, Details, visitDate**)**
* **Branches For Offer(**OfferID, Stream Name**)**
* **Location(**Location Name**)**
* **Category(**Category Type**)**
* **Student(**(StudentID,DOB,Gender,Mother’s Name,Permanent Address,Full Name,CPI,HSC %,SSC %,Mobile Number, Current Backlog, Father Name,Total Backlog,Current Address,Graduation %, StreamName**):**

**Minimal FDs:**

* StudentID → DOB
* StudentID → Gender
* StudentID → Mother’s Name
* StudentID → Permanent Address
* StudentID → Full Name
* StudentID → CPI
* StudentID → HSC %
* StudentID → SSC %
* StudentID → Mobile Number
* StudentID → Current Backlog
* StudentID → Father Name
* StudentID → Total Backlog
* StudentID → Current Address
* StudentID → Graduation %
* StudentID → StreamName

**Canonical Form:**

* StudentID → {DOB,Gender,Mother’s Name,Permanent Address,Full Name,CPI,HSC %,SSC %,Mobile Number, Current Backlog, Father Name,Total Backlog,Current Address,Graduation %, StreamName}

**KEY :** StudentID

**The relation is in BCNF**.

* **Interest(**StudentID, Domain of Interest**):**

It has only two attributes so the relation is in BCNF.

* **Stream(**StreamType**):**

It has no FD, hence it is also in BCNF.

* **StudentSPI(**StudentID, Semester, SPI**):**
* {StudentID, Semester} → SPI

**KEY :** {StudentID, Semester}

**The relation is in BCNF.**

* **RegistersFor(**StudentID, OfferID, AcceptedOffer, SelectedForOffer**):**

**Minimal FDs:**

* {StudentID,OfferID} → AcceptedOffer
* {StudentID,OfferID} → SelectedForOffer

**Canonical Form of FD:**

* {StudentID,OfferID} → {AcceptedOffer, SelectedForOffer}

**KEY :** {StudentID,OfferID}

**The relation is in BCNF.**

* **Round(**StudentID, OfferID, RoundType, SelectedInRound **):**
* {StudentID, OfferID, RoundType} → SelectedInRound

**KEY :** {StudentID, OfferID, RoundType}

**The relation is in BCNF.**

* **Offer(**OfferID, CompanyName, Job Profile, PPO, CTC, Bond, CPI criteria, Branch**):**

**Minimal FDs:**

* {OfferID, CompanyName} → Job Profile
* {OfferID, CompanyName} → PPO
* {OfferID, CompanyName} → CTC
* {OfferID, CompanyName} → Bond
* {OfferID, CompanyName} → CPI criteria
* {OfferID, CompanyName} → Branch

**Canonical Form of FDs:**

* {OfferID, CompanyName} → {Job Profile, PPO, CTC, Bond, CPI criteria, Branch}

**KEY :** {OfferID, CompanyName}

**The relation is in BCNF.**

* **JobType(**Type**):**

It has no FD, hence it is also in BCNF.

* **OfferLocation(**OfferID,LocationName**):**

It has only two attributes so the relation is in BCNF.

* **CompanyLocation(**CompanyName, LocationName**):**

It has only two attributes so the relation is in BCNF.

* **Company(**Name,CategoryType, Details, visitDate**):**

**Minimal FDs:**

* {Name,CategoryType} → Details
* {Name,CategoryType} → visitDate

**Canonical Form of FDs:**

* {Name,CategoryType} → {Details,visitDate}

**KEY :** {Name,CategoryType}

**The relation is in BCNF.**

* **Branches For Offer(**OfferID, Stream Name**)**

It has only two attributes so the relation is in BCNF.

* **Location(**Location Name**)**

It has no FD, hence it is also in BCNF.

* **Category(**Category Type**)**

It has no FD, hence it is also in BCNF.

**All the relations are in BCNF.**