

Child

<u>ChildID</u>	Fname	Mname	Lname	Bdate	Address	Yr lvl	Gender	Refer Name	Sname	VIRD
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Parent

Fname	Mname	Lname	Address	Phone Number	ChildID
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Volunteer

<u>IRD</u>	Fname	Mname	Lname	Phone Number
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Course

Name	<u>ID</u>	Fee	No. of students	Plocation
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Course Times

<u>CID</u>	Course Times
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Place

<u>Location</u>	No. of seats
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Referring Org

<u>Name</u>	Address	Governmental
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Referring Org Phone Numbers

<u>Name</u>	Phone Number
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School

<u>Name</u>	Address	Phone Number
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Special Needs

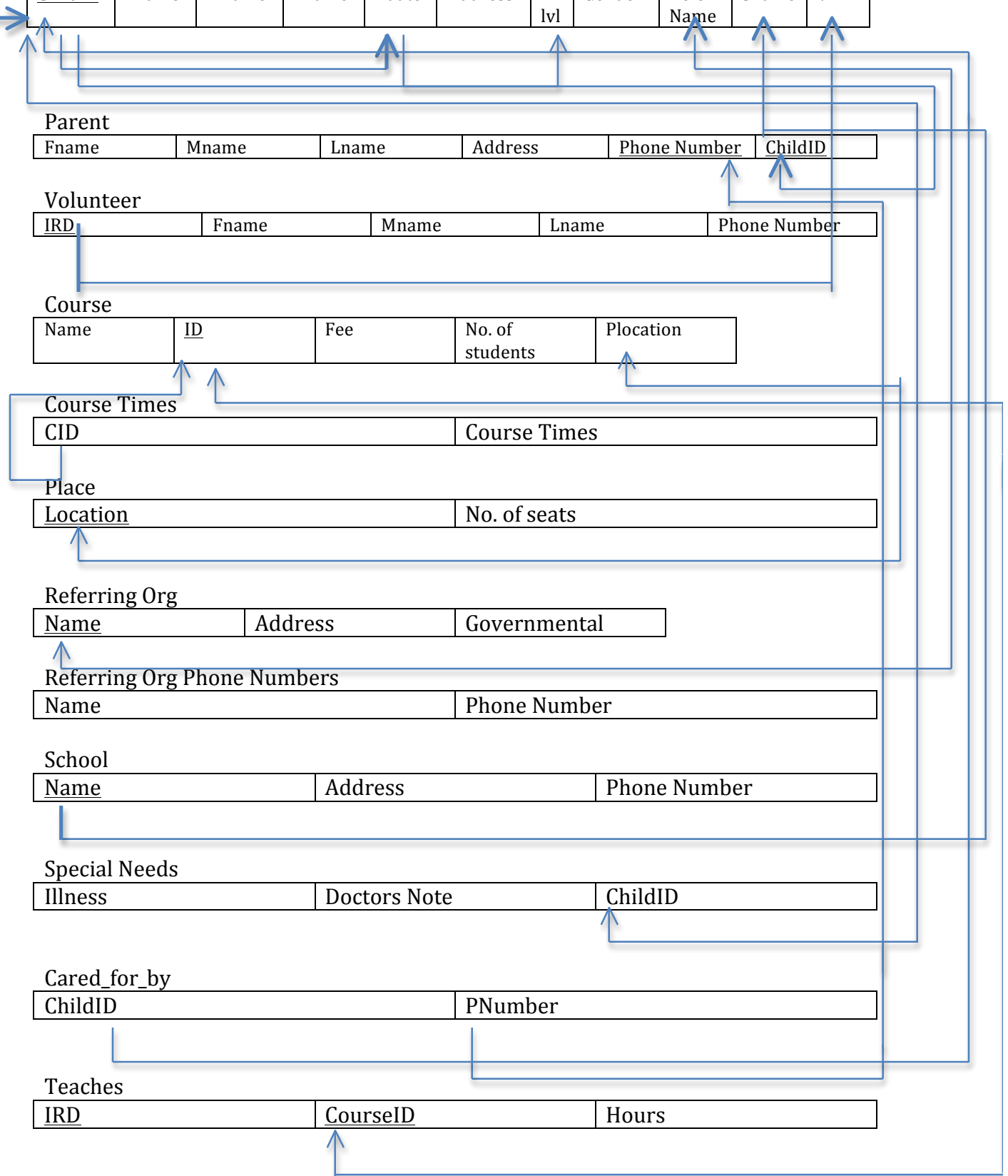
<u>Illness</u>	Doctors Note	ChildID
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Cared_for_by

<u>ChildID</u>	PNumber
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Teaches

<u>IRD</u>	<u>CourseID</u>	Hours
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Attends

ChildID	CourseID
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Normalization

First Normal Form

Course Times in Course was a multivalued attribute. A new relation was created to contain it together with the CID as the primary key.

The phone numbers in Referring Organization was a multivalued attribute. A new relation was created to contain it together with the Name of the Referring Organization as the primary key.

Second Normal Form

The primary keys of all entities are single attributes.

Third Normal Form

Birthday and Year level has a transitive dependency.

BCNF

LHS of our functional dependencies are all candidate keys.