**Baseball League Database**

Develop database is used to track player and family information, team assignments and invoicing for a baseball league.

**Business Rules\Constraints**

* Each family information is entered once.
* Each player is linked to one Family entry, Family can have more than one Player associated.
* Each player is assigned to only one Team, a Team has multiple Players.
* Players can only be assigned to teams for which they are eligible based on DOB.
* Each Team is assigned to only one Division, a division has multiple Teams.
* A Coach can be assigned to zero or multiple Teams, a Team must have at least one coach assigned.
* Invoice entries are based on daily registrations. (use a SP to write new entries to Invoices daily)
* Team has maximum of 12 players.

**Queries\Reports**

* + Rosters by division & team with coaches
  + Families with unpaid balances
  + Coaches without clearances
  + Report numbers of players on each team by division
  + Teams with less than 12 players assigned to it.
  + Players not assigned to team.

**CRUD Activities\PHP screens required.**

Family Screen

* Insert new family\Update Family information

Player Screen

* Insert new player\Update Player information\Delete player.

Coaches Screen

* Add new coach\Update coach information\Delete Coach.

Division Screen

* Add\Delete Division
* Assign Teams to Division

Team Screen

* Add\Delete Teams
* Assign\unassign players
* Assign\ unassign players (Assign function queries unassigned players eligible for division of team)

Invoice Screen

* Update Payment status

**Gantt Chart Tasks – please add to as you see fit.**

* ERC creation
* GIT Creation
* Gantt chart creation
* DB creation
* DB population
* Screen Creations (1 task per screen)
* Report creation (1 task per report)