Devansh Mahont 201305039 Question-1 Schema -> 20805039 Leavels (Leavels, (Jass Name) 20305039- Pool (Pool, Pool Name, Location) 2012039-Staff (First Name, Middle Initial, Last Name, Sch Salarie, Pay Amound, StaffID 203039-Classes Chesson Inden, Level, Sectio ID, Jemesta Days Time Pool Instructure, Line Ensalled Price) 20005039- Enrollment Clesson Indea, SID, Status, A AmountPaid, DateEnvalled) 20BC5039_ Students (SID, First Name, Middle Initial la Suffin, Birth Day, Localstreet Local City, Local Postal Code, Loralth 20BC5039-Stapp 2013(5039- (lasser 20BC5639-Enro 20BG039- POOL 20B(5019-Students 2018(1032 Leavels

Cardinality (Degree) 2013039_ Staff [optional 1-Optional Many] 20185039- Classes. 2080039- Pool [Modulatory 1-Optional Mony] 2080039-Classer, 2080039-Leavels [Mandatory 1-Madridatory Mony] 2080039-Ennalment [Mandatory Mony] 2080039-Ennalment [Mandatory Mony - Mandatory 1] 2080039-Ennalment [Mandatory Mony - Mandatory 1] 2080039-Students 1-ns-4 The Table 20BG039-Enrollment" is a weak entity. Here the entity cannot exist on its own its as it does not have a primary key, and its existence depends solely on the priesence of the "2013crozg Students" entity. The "Les ron Inden and "SID" together form does not have a condidate key to Independently act as a Primary Key Here, we connot make the "20B15039-Enrollment" as a strong-entity by simply adding a Porimary key as we increase redundancy by including an un-necessary Information, hence truining Normal acy of the FR Diagram of the UER Diagram.

