

Assignment 1 Database Group Diary

Group Number:32

Allocated Tutor Name:Dwi Rahayu

Group Members:

1. Jinxu Tao
2. Duolisen
3. Sachin Shivaramaiah

NOTE: This diary must be filled in immediately after *each meeting* as a running record

Meeting Details:

Date, Time and Mode	Members Present (list those present)	Discussions
4/9/2023 11:15 PM to 11:30 PM	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	Schedule discussion. 1. Schedules has been plotted, before starting the assignment. Tuesday: discuss 1A and UNF of 1B, try to complete UNF - 1NF and 1NF to 2NF build the relations (Wednesday) 2. decide the attribute type and size (Wednesday) 3. set PKs (Thursday) 4. decide relationships (Thursday) 5. check surrogate keys (Friday)
5/9/2023 17:00 to 19:00	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	Completion of Normalization from UNF to 3NF for both given criterias. Road Ahead: Designing Logical Model
6/9/2023 18:00 to 20:45	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none">• Draft logical model plotted in the Lucid Chart by completing synthesis.• Creation of dmd files in the remote repo complete• Initial stages of logical model between the relations VET, CLINIC, TRAINING has been Plotted. Number of pushes: 1.Jinxu Tao: 3 2.Duolisen : 1 3.Sachin Shivaramaiah: 1

7/9/2023 16:00 to 17:00	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none"> Discussions on plotting relations <p>Road Ahead:</p> <ul style="list-style-type: none"> Individual research to be conducted on discussed issues. Meet in the next sessions with updated information. <p>Number of pushes:</p> <p>1.Jinxu Tao: 4 2.Duolisen : 1 3.Sachin Shivaramaiah: 1</p>
8/9/2023 16:00 to 18:00	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none"> Added relations from scratch Strong entities (Duolisen) Strong entites and binary relationships(Sachin) Weak entites and binary relationships(Jinxu Tao)
9/9/2023 16:00 to 18:00	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none"> Added Unary Relationship(Lia) Added surrugate key for PRESCRIBE (Sachin) Correction with respect to TRANING & SERVICE_ACC relationship(Sachin,Lia) <p>Corrections by Ted :</p> <p>1.I have corrected the attribute in PARTICIPANT; (In case we make any related mistakes, I just used the trained_vet_id to represent the vet_id in PARTICIPANT. Maybe we can discuss this later. But I think we need to give it another name, to avoid ambiguity)</p> <p>2. fixed the relationship between PRESCRIBE, VISIT, and DRUG;</p> <p>3. added surrogate key for SERVICE_ACC and changed the relationship between VISIT, SERVICE_ACC, SERVICE.</p>
10/9/2023 13:00 to 16:00	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none"> Implementation of new attributes as per BR for relation DRUG and SERVICE, addition of check constraint for relation ANIMAL (Sachin) Implementation of PAYMETHOD check constraint for PARTICIPANT(.Duolisen) Creation of Logical model and Schema model(Jinxu Tao) <p>Road Ahead</p> <ul style="list-style-type: none"> Cross check on check list Recheck before submission
11/9/2023 21:00 to 23:40	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none"> Added lookup table for PET, required corrections for all the realtions (Sachin) Added lookup table for VET and required corrections for all the relations(Duolisen) Generation of Logical model and schema file (Jinxu Tao)

12/9/2023 17:00 to 18:30	1.Jinxu Tao 2.Duolisen 3.Sachin Shivaramaiah	<ul style="list-style-type: none">• Quality check, and final submission with reference to check list.
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