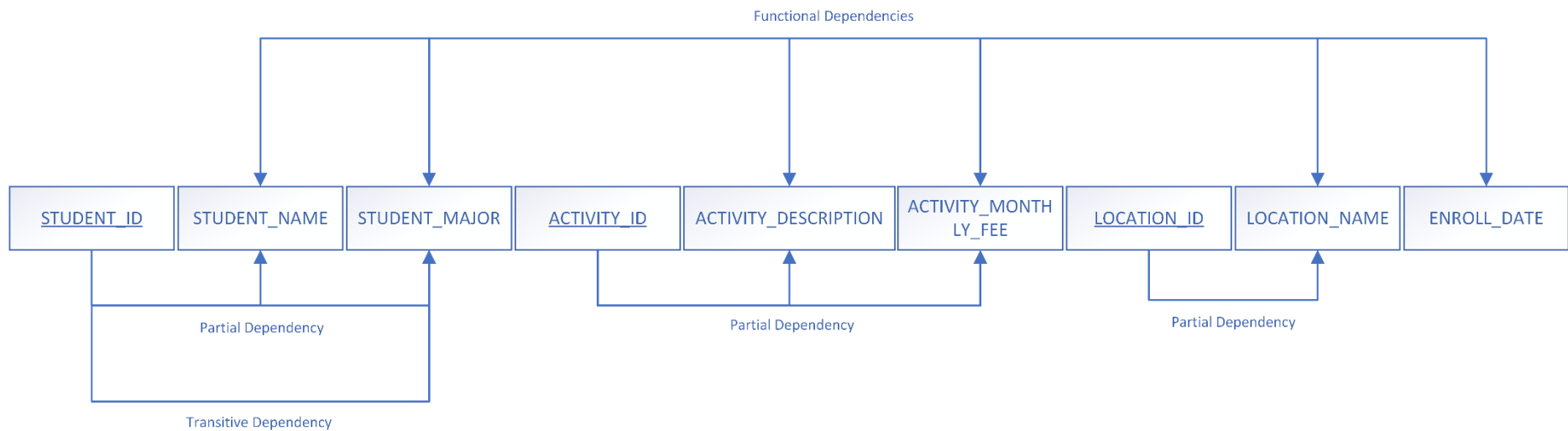


Muhammad Izham Bin Norhamadi
B032020039
S2G1

Lab Exercise Week 6

a) Dependency Diagram



b) 2NF

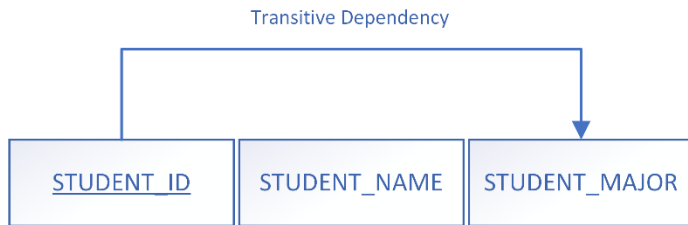


Table name: STUDENT

| | | |
|--------------------|----------------------|----------------------|
| <u>ACTIVITY_ID</u> | ACTIVITY_DESCRIPTION | ACTIVITY_MONTHLY_FEE |
|--------------------|----------------------|----------------------|

Table name: ACTIVITY

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| <u>LOCATION_ID</u> | LOCATION_NAME |
|--------------------|---------------|

Table name: LOCATION

| | | | |
|-------------------|--------------------|--------------------|-------------|
| <u>STUDENT_ID</u> | <u>ACTIVITY_ID</u> | <u>LOCATION_ID</u> | ENROLL_DATE |
|-------------------|--------------------|--------------------|-------------|

Table name: COCURRICULAR

3NF

| | | |
|-------------------|--------------|-----------------|
| <u>STUDENT_ID</u> | STUDENT_NAME | <u>MAJOR_ID</u> |
|-------------------|--------------|-----------------|

Table name: STUDENT

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| <u>ACTIVITY_ID</u> | ACTIVITY_DESCRIPTION | ACTIVITY_MONTHLY_FEE |
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Table name: ACTIVITY

| | |
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| <u>LOCATION_ID</u> | LOCATION_NAME |
|--------------------|---------------|

Table name: LOCATION

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| <u>STUDENT_ID</u> | <u>ACTIVITY_ID</u> | <u>LOCATION_ID</u> | ENROLL_DATE |
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Table name: COCURRICULAR

| | |
|-----------------|------------|
| <u>MAJOR_ID</u> | MAJOR_NAME |
|-----------------|------------|

Table name: MAJOR

c) ERD

