

Project Deliverable - Sprint 4

Group 7: Saewon-Charles Dionne-Jee, Patricia Tavaréz, Jacob Pelletier

<div><div>PropertiesDataER Diagram</div><div>Table Name: <input type="text" value="Address"/> <input type="checkbox"/> Partitioned</div><div>Engine: <input type="text" value="InnoDB"/></div><div>Auto Increment: <input type="text" value="32"/></div><div>Charset: <input type="text" value="utf8mb4"/></div><div>Collation: <input type="text" value="utf8mb4_general_ci"/></div><div><div>Columns</div><div>Constraints</div><div>Foreign Keys</div><div>References</div><div>Triggers</div><div>Indexes</div><div>Partitions</div><div>Statistics</div><div>DDL</div><div>Virtual</div></div><div><table><thead><tr><th>Name</th><th>Value</th></tr></thead><tbody><tr><td>Row Count</td><td>31</td></tr><tr><td>Avg Row Length</td><td>528</td></tr><tr><td>Data Length</td><td>16K</td></tr><tr><td>Max data length</td><td>0</td></tr><tr><td>Data free</td><td>0</td></tr><tr><td>Index length</td><td>0</td></tr><tr><td>Row format</td><td>Dynamic</td></tr><tr><td>Create Time</td><td>2024-11-02 06:15:18.0</td></tr><tr><td>Update time</td><td>2024-11-02 06:04:30.0</td></tr><tr><td>Check time</td><td></td></tr></tbody></table></div></div>	Name	Value	Row Count	31	Avg Row Length	528	Data Length	16K	Max data length	0	Data free	0	Index length	0	Row format	Dynamic	Create Time	2024-11-02 06:15:18.0	Update time	2024-11-02 06:04:30.0	Check time		<div><div>PropertiesDataER Diagram</div><div>Table Name: <input type="text" value="Blood"/> <input type="checkbox"/> Partitioned</div><div>Engine: <input type="text" value="InnoDB"/></div><div>Auto Increment: <input type="text" value="31"/></div><div>Charset: <input type="text" value="utf8mb4"/></div><div>Collation: <input type="text" value="utf8mb4_general_ci"/></div><div>Description: <input type="text"/></div><div><div>Columns</div><div>Constraints</div><div>Foreign Keys</div><div>References</div><div>Triggers</div><div>Indexes</div><div>Partitions</div><div>Statistics</div><div>DDL</div><div>Virtual</div></div><div><table><thead><tr><th>Name</th><th>Value</th></tr></thead><tbody><tr><td>Row Count</td><td>30</td></tr><tr><td>Avg Row Length</td><td>546</td></tr><tr><td>Data Length</td><td>16K</td></tr><tr><td>Max data length</td><td>0</td></tr><tr><td>Data free</td><td>0</td></tr><tr><td>Index length</td><td>16K</td></tr><tr><td>Row format</td><td>Dynamic</td></tr><tr><td>Create Time</td><td>2024-10-24 20:33:32.0</td></tr><tr><td>Update time</td><td>2024-11-01 23:32:55.0</td></tr><tr><td>Check time</td><td></td></tr></tbody></table></div></div>	Name	Value	Row Count	30	Avg Row Length	546	Data Length	16K	Max data length	0	Data free	0	Index length	16K	Row format	Dynamic	Create Time	2024-10-24 20:33:32.0	Update time	2024-11-01 23:32:55.0	Check time	
Name	Value																																												
Row Count	31																																												
Avg Row Length	528																																												
Data Length	16K																																												
Max data length	0																																												
Data free	0																																												
Index length	0																																												
Row format	Dynamic																																												
Create Time	2024-11-02 06:15:18.0																																												
Update time	2024-11-02 06:04:30.0																																												
Check time																																													
Name	Value																																												
Row Count	30																																												
Avg Row Length	546																																												
Data Length	16K																																												
Max data length	0																																												
Data free	0																																												
Index length	16K																																												
Row format	Dynamic																																												
Create Time	2024-10-24 20:33:32.0																																												
Update time	2024-11-01 23:32:55.0																																												
Check time																																													
<div><div>PropertiesDataER Diagram</div><div>Table Name: <input type="text" value="Donation"/> <input type="checkbox"/> Partitioned</div><div>Engine: <input type="text" value="InnoDB"/></div><div>Auto Increment: <input type="text" value="1032"/></div><div>Charset: <input type="text" value="utf8mb4"/></div><div>Collation: <input type="text" value="utf8mb4_general_ci"/></div><div>Description: <input type="text"/></div><div><div>Columns</div><div>Constraints</div><div>Foreign Keys</div><div>References</div><div>Triggers</div><div>Indexes</div><div>Partitions</div><div>Statistics</div><div>DDL</div><div>Virtual</div></div><div><table><thead><tr><th>Name</th><th>Value</th></tr></thead><tbody><tr><td>Row Count</td><td>31</td></tr><tr><td>Avg Row Length</td><td>528</td></tr><tr><td>Data Length</td><td>16K</td></tr><tr><td>Max data length</td><td>0</td></tr><tr><td>Data free</td><td>0</td></tr><tr><td>Index length</td><td>48K</td></tr><tr><td>Row format</td><td>Dynamic</td></tr><tr><td>Create Time</td><td>2024-11-02 06:40:03.0</td></tr><tr><td>Update time</td><td>2024-11-02 06:55:39.0</td></tr><tr><td>Check time</td><td></td></tr></tbody></table></div></div>	Name	Value	Row Count	31	Avg Row Length	528	Data Length	16K	Max data length	0	Data free	0	Index length	48K	Row format	Dynamic	Create Time	2024-11-02 06:40:03.0	Update time	2024-11-02 06:55:39.0	Check time		<div><div>PropertiesDataER Diagram</div><div>Table Name: <input type="text" value="DonationCenter"/> <input type="checkbox"/> Partitioned</div><div>Engine: <input type="text" value="InnoDB"/></div><div>Auto Increment: <input type="text" value="0"/></div><div>Charset: <input type="text" value="utf8mb4"/></div><div>Collation: <input type="text" value="utf8mb4_general_ci"/></div><div>Description: <input type="text"/></div><div><div>Columns</div><div>Constraints</div><div>Foreign Keys</div><div>References</div><div>Triggers</div><div>Indexes</div><div>Partitions</div><div>Statistics</div><div>DDL</div><div>Virtual</div></div><div><table><thead><tr><th>Name</th><th>Value</th></tr></thead><tbody><tr><td>Row Count</td><td>32</td></tr><tr><td>Avg Row Length</td><td>512</td></tr><tr><td>Data Length</td><td>16K</td></tr><tr><td>Max data length</td><td>0</td></tr><tr><td>Data free</td><td>0</td></tr><tr><td>Index length</td><td>32K</td></tr><tr><td>Row format</td><td>Dynamic</td></tr><tr><td>Create Time</td><td>2024-11-02 06:24:08.0</td></tr><tr><td>Update time</td><td>2024-11-02 06:37:53.0</td></tr><tr><td>Check time</td><td></td></tr></tbody></table></div></div>	Name	Value	Row Count	32	Avg Row Length	512	Data Length	16K	Max data length	0	Data free	0	Index length	32K	Row format	Dynamic	Create Time	2024-11-02 06:24:08.0	Update time	2024-11-02 06:37:53.0	Check time	
Name	Value																																												
Row Count	31																																												
Avg Row Length	528																																												
Data Length	16K																																												
Max data length	0																																												
Data free	0																																												
Index length	48K																																												
Row format	Dynamic																																												
Create Time	2024-11-02 06:40:03.0																																												
Update time	2024-11-02 06:55:39.0																																												
Check time																																													
Name	Value																																												
Row Count	32																																												
Avg Row Length	512																																												
Data Length	16K																																												
Max data length	0																																												
Data free	0																																												
Index length	32K																																												
Row format	Dynamic																																												
Create Time	2024-11-02 06:24:08.0																																												
Update time	2024-11-02 06:37:53.0																																												
Check time																																													

PropertiesDataER Diagram

Table Name:Donor

Engine:InnoDB

Auto Increment:0

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	33
Avg Row Length	496
Data Length	16K
Max data length	0
Data free	0
Index length	0
Row format	Dynamic
Create Time	2024-10-23 21:02:05.0
Update time	2024-11-02 06:10:31.0
Check time	

PropertiesDataER Diagram

Table Name:DonorContact

Engine:InnoDB

Auto Increment:0

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	48K
Row format	Dynamic
Create Time	2024-10-24 19:50:35.0
Update time	2024-11-02 06:18:45.0
Check time	

PropertiesDataER Diagram

Table Name:Employee

Engine:InnoDB

Auto Increment:252

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	31
Avg Row Length	528
Data Length	16K
Max data length	0
Data free	0
Index length	32K
Row format	Dynamic
Create Time	2024-10-23 04:38:21.0
Update time	2024-11-02 06:33:33.0
Check time	

PropertiesDataER Diagram

Table Name:PLSM

Engine:InnoDB

Auto Increment:32

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	16K
Row format	Dynamic
Create Time	2024-11-02 17:41:41.0
Update time	2024-11-02 17:15:53.0
Check time	

PropertiesDataER Diagram

Table Name:PLTS☐ Partitioned

Engine:InnoDB

Auto Increment:31

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	16K
Row format	Dynamic
Create Time	2024-11-02 19:04:24.0
Update time	2024-11-02 19:16:15.0
Check time	

PropertiesDataER Diagram

Table Name:PRBC☐ Partitioned

Engine:InnoDB

Auto Increment:31

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	16K
Row format	Dynamic
Create Time	2024-10-23 06:44:58.0
Update time	2024-11-02 19:23:52.0
Check time	

PropertiesDataER Diagram

Table Name:Preparation☐ Partitioned

Engine:InnoDB

Auto Increment:32

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	31
Avg Row Length	528
Data Length	16K
Max data length	0
Data free	0
Index length	0
Row format	Dynamic
Create Time	2024-10-23 01:27:16.0
Update time	2024-11-01 21:54:33.0
Check time	

PropertiesDataER Diagram

Table Name:ReceivingFacility☐ Partitioned

Engine:InnoDB

Auto Increment:32

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	31
Avg Row Length	528
Data Length	16K
Max data length	0
Data free	0
Index length	48K
Row format	Dynamic
Create Time	2024-11-01 23:10:24.0
Update time	2024-11-01 23:11:34.0
Check time	

PropertiesDataER Diagram

Table Name:Shipment

Engine:InnoDB

Auto Increment:123

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	32K
Row format	Dynamic
Create Time	2024-11-01 23:12:38.0
Update time	2024-11-01 23:33:20.0
Check time	

PropertiesDataER Diagram

Table Name:Test

Engine:InnoDB

Auto Increment:61

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	0
Row format	Dynamic
Create Time	2024-10-23 01:32:08.0
Update time	2024-11-01 22:08:05.0
Check time	

PropertiesDataER Diagram

Table Name:TestPanel

Engine:InnoDB

Auto Increment:31

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	48K
Row format	Dynamic
Create Time	2024-10-23 21:03:25.0
Update time	2024-11-02 18:55:02.0
Check time	

PropertiesDataER Diagram

Table Name:WRBC

Engine:InnoDB

Auto Increment:31

Charset:utf8mb4

Collation:utf8mb4_general_ci

Description:

Columns

Constraints

Foreign Keys

References

Triggers

Indexes

Partitions

Statistics

DDL

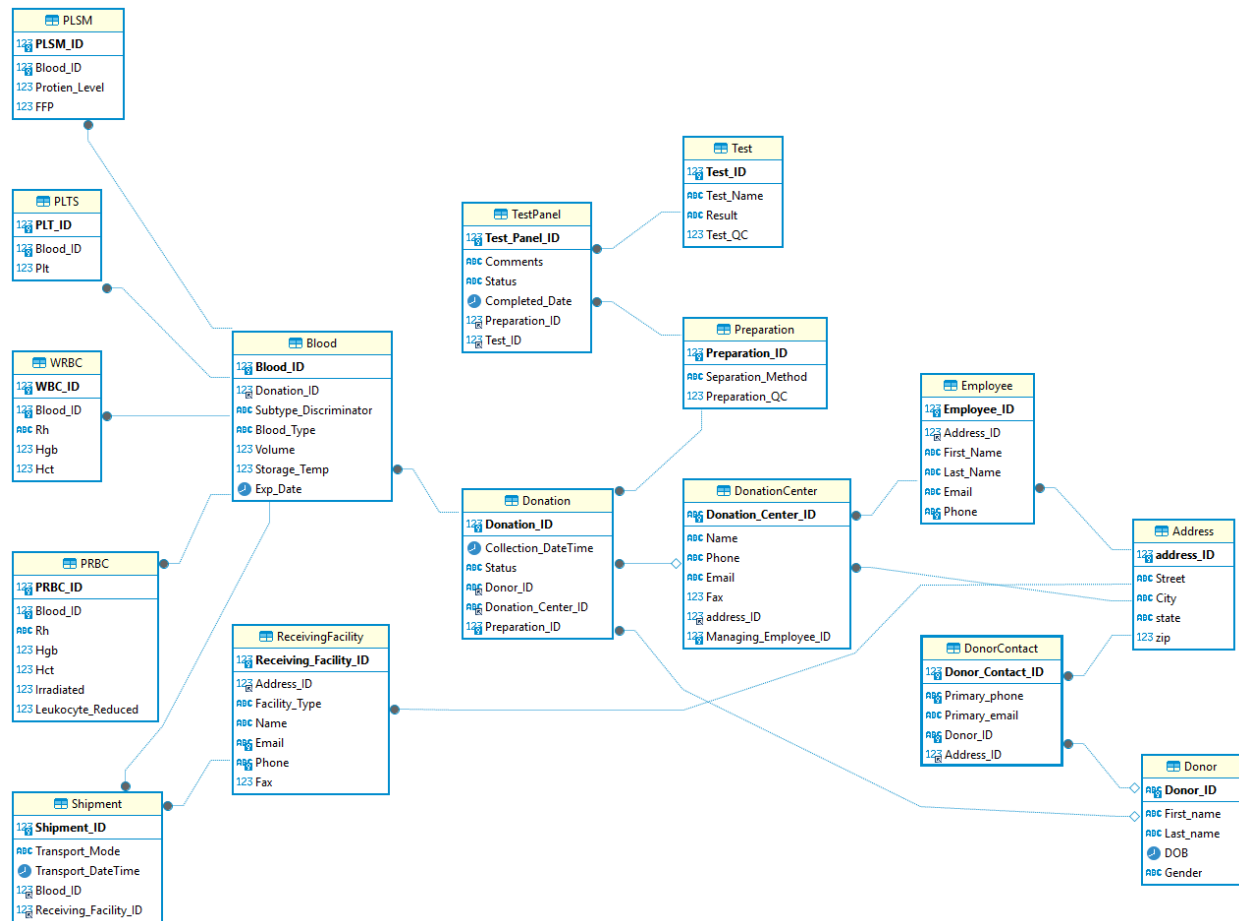
Virtual

Name	Value
Row Count	30
Avg Row Length	546
Data Length	16K
Max data length	0
Data free	0
Index length	16K
Row format	Dynamic
Create Time	2024-11-02 19:30:12.0
Update time	2024-11-02 19:31:37.0
Check time	

ERDs

Dbeaver ERD Model:

[DBeaver ERD Model](#)



Note that we did change the relation between Donation and DonationCenter to be 1:M from 1:1, as a donation center can accommodate multiple donations. These updated ERD diagrams can be found here:

[Visio Link](#)

[SVG Link](#)