

EWaste Relational Model

Rahul Thapa, Alex Gustafson, Michael DiGiacomo, Peter Lyu

EW_USER

| <u>User_ID</u> | User_name | User_Password | User_Type | User_Address |
|----------------|-----------|---------------|-----------|--------------|
|----------------|-----------|---------------|-----------|--------------|

TECHNOLOGY PART

| <u>Part_ID</u> | <u>PSerial_No</u> | Date_Manu | UPC | PModel | PVersion | Price | Tech_Category | Seller_ID | Functioning |
|----------------|-------------------|-----------|-----|--------|----------|-------|---------------|-----------|-------------|
|----------------|-------------------|-----------|-----|--------|----------|-------|---------------|-----------|-------------|

DEVICE

| <u>DSerial_No</u> | <u>DVersion</u> | Date_Made | DModel | DCategory |
|-------------------|-----------------|-----------|--------|-----------|
|-------------------|-----------------|-----------|--------|-----------|

OWNED_BY

| <u>DSerial_No</u> | <u>DVersion</u> | <u>User_ID</u> |
|-------------------|-----------------|----------------|
|-------------------|-----------------|----------------|

COMPATIBLE_WITH

| <u>DSerial_No</u> | <u>DVersion</u> | <u>Part_ID</u> | <u>PSerial_No</u> |
|-------------------|-----------------|----------------|-------------------|
|-------------------|-----------------|----------------|-------------------|

SEARCHES_FOR

| <u>User_ID</u> | <u>Part_ID</u> | <u>PSerial_No</u> | Search_Date |
|----------------|----------------|-------------------|-------------|
|----------------|----------------|-------------------|-------------|

EW_TRANSACTION

| <u>Transaction_ID</u> | Buyer_ID | Seller_ID | Part_ID | PSerial_Number | Transaction_Date |
|-----------------------|----------|-----------|---------|----------------|------------------|
|-----------------------|----------|-----------|---------|----------------|------------------|