

Step 1: Mapping of regular (strong) entity types

User

<u>User_id</u>	email	password	First_name	Last_name	Street_name	suburb	province	country	House_number
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Winery

<u>Winery_id</u>	name	Street_name	suburb	province	country	verified
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Wine

<u>Wine_id</u>	type	producer	rating	Alcohol%	age	name	price	Country_of_origin
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Review

<u>Write_id</u>

Step 2: Mapping of weak entity types (N/A)

Step 3: Mapping of binary 1:1 relationships (N/A)

Step 4: Mapping of binary 1:N relationships

User

<u>User_id</u>	email	password	First_name	Last_name	Street_name	suburb	province	country	House_number
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Winery

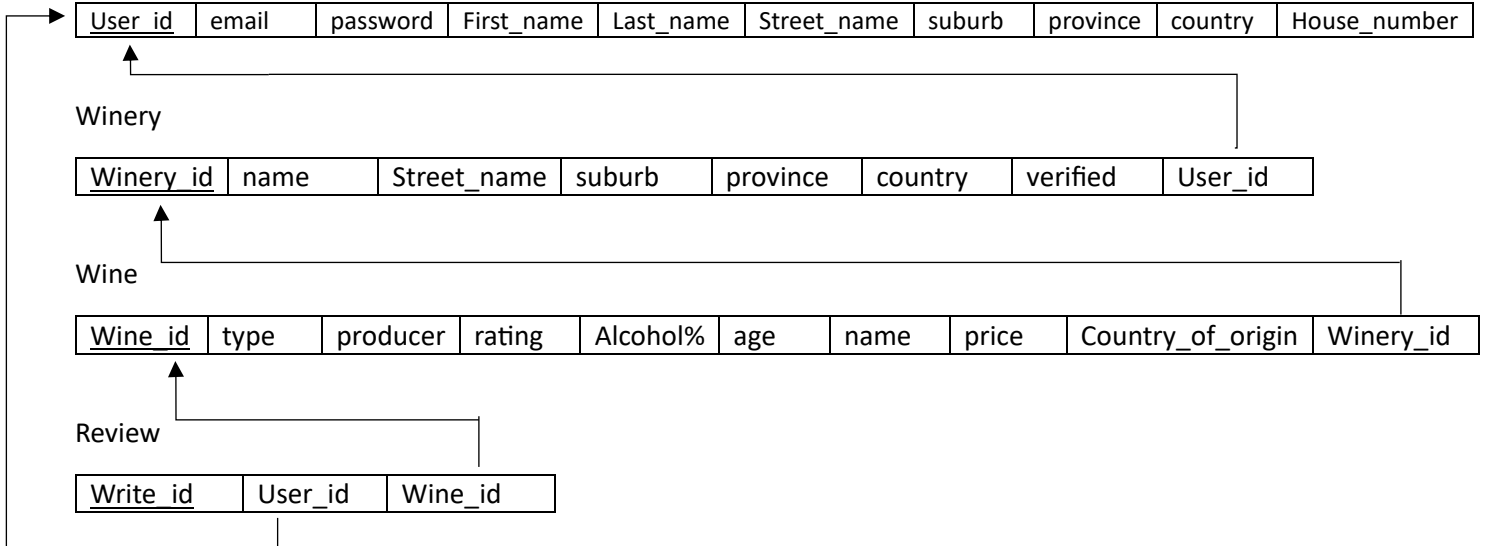
<u>Winery_id</u>	name	Street_name	suburb	province	country	verified	User_id
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Wine

<u>Wine_id</u>	type	producer	rating	Alcohol%	age	name	price	Country_of_origin	Winery_id
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Review

<u>Write_id</u>	User_id	Wine_id
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Step 5: Mapping of binary M:N relationships (N/A)

Step 6: Mapping of multivalued attributes (N/A)

Step 7: Mapping of N-ary relationships (N/A)

Step 8: Mapping specialisation and generalisation (N/A)

Step 9: Mapping unions (mapping of multiple inheritance)

User

<u>User_id</u>	email	password	First_name	Last_name	Street_name	suburb	province	country	House_number
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Winery

<u>Winery_id</u>	name	Street_name	suburb	province	country	verified	User_id
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Wine

<u>Wine_id</u>	type	producer	rating	Alcohol%	age	name	price	Country_of_origin	Winery_id
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White

Wine_id	type
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Red

Wine_id	type
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Sparkling

Wine_id

Dessert

Wine_id

Review

<u>Write_id</u>	User_id	Wine_id
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