

# TUGAS VI

Kelompok : 8

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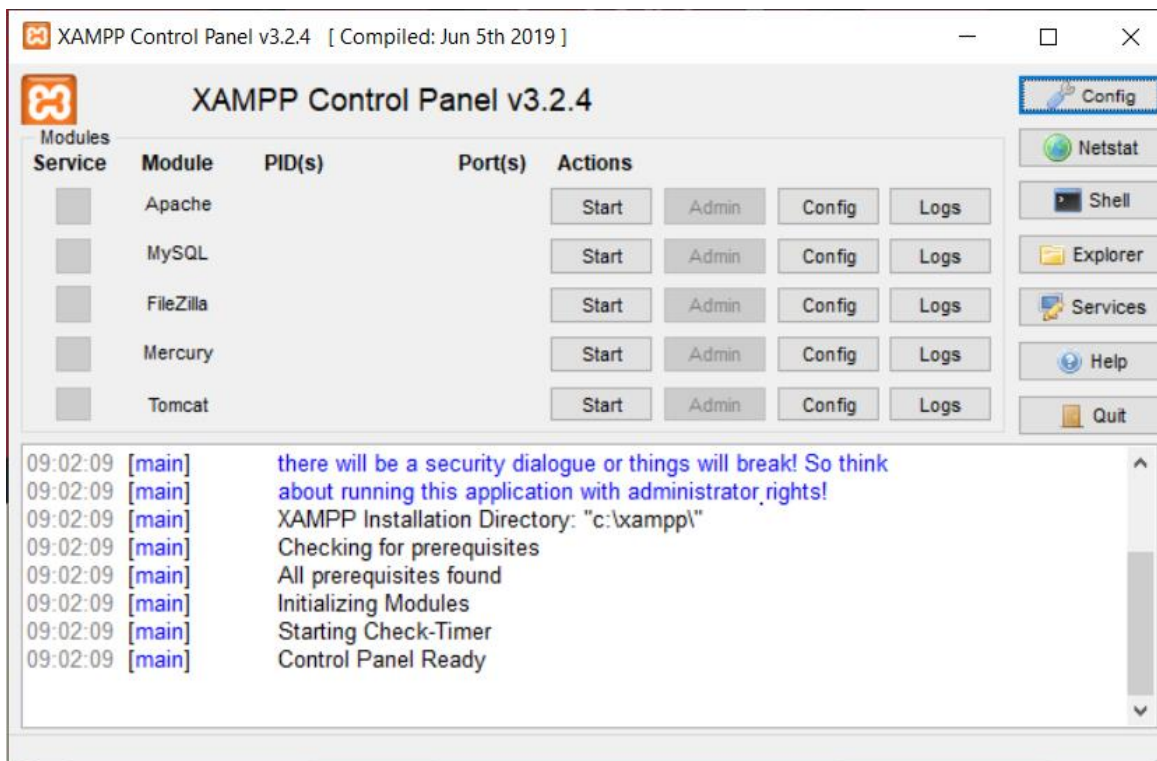
## TUGAS LAB

(Dikerjakan pada saat melaksanakan Praktikum)

1. a. Pilih software DBMS untuk implementasi database TUBES. Jelaskan alasan pemilihan. (10)

Software DBMS untuk implementasi database TUBES kami adalah XAMPP. Karena gratis, banyak digunakan orang, dan sudah pernah kami gunakan pada praktikum Web Programming(WepPro) dan Pemograman Berorientasi Objek(PBO).

b. Download DBMS pilihan kelompok Anda, dan install. (10)



## 2. Implementasikan tabel-tabel database hasil Tugas Pendahuluan dalam DBMS yang sudah Anda install (40)

### 1. banks

Server: 127.0.0.1 » Database: vervays » Table: banks

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[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

☐ Check all    With selected: [Browse](#) Change Drop Primary Unique Index Fulltext

Add to central columns    Remove from central columns

### 2. books

Server: 127.0.0.1 » Database: vervays » Table: books

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>title</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>author</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>languageId</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>numberOfPage</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>price</b>	bigint(20)			No	None			Change  Drop  More
<input type="checkbox"/> 7	<b>release_at</b>	date			No	None			Change  Drop  More
<input type="checkbox"/> 8	<b>synopsis</b>	text	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	<b>isDeleted</b>	tinyint(1)			No	0			Change  Drop  More
<input type="checkbox"/> 10	<b>ebookFileId</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 11	<b>sampleEbookFileId</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 12	<b>ebookCoverId</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 13	<b>isEditorChoice</b>	tinyint(1)			No	0			Change  Drop  More
<input type="checkbox"/> 14	<b>publisherId</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 15	<b>categoryId</b>	int(11)			No	None			Change  Drop  More

Console

### 3. book\_snapshot

Server: 127.0.0.1 » Database: vervays » Table: book\_snapshots

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	bookId	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	orderId	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	price	bigint(20)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	created_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	updated_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

[Check all](#) [With selected:](#) [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)

### 4. carts

Server: 127.0.0.1 » Database: vervays » Table: carts

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[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	userId	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	bookId	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	created_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	updated_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

[Check all](#) [With selected:](#) [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)

### 5. cashouts

Server: 127.0.0.1 » Database: vervays » Table: cashouts

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[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	publisherId	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	bankId	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	amount	bigint(20)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	accountOwner	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	status	enum('pending', 'success', 'failed')	utf8mb4_unicode_ci		No	pending			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 7	created_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 8	updated_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

## 6. categories

Server: 127.0.0.1 » Database: venvays » Table: categories

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

## 7. ebook\_covers

Server: 127.0.0.1 » Database: venvays » Table: ebook\_covers

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

☐ Check all    With selected: [Browse](#) Change Drop Primary Unique Index Fulltext

## 8. ebook\_file

Server: 127.0.0.1 » Database: venvays » Table: ebook\_files

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

☐ Check all    With selected: [Browse](#) Change Drop Primary Unique Index Fulltext

Add to central columns    Remove from central columns

## 9. email\_verification\_tokens

Server: 127.0.0.1 » Database: venvays » Table: email\_verification\_tokens

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>userId</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>token</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

## 10. flash\_messages

Server: 127.0.0.1 » Database: vervays » Table: flash\_messages

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	userId	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	message	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	type	enum('success', 'info', 'warning', 'danger')	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	allotmentId	int(11)			No	None			Change  Drop  More

## 11. flash\_message\_allotments

Server: 127.0.0.1 » Database: vervays » Table: flash\_message\_allotments

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	allotment	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More

## 12. have

Server: 127.0.0.1 » Database: vervays » Table: have

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	userId	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	bookId	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 4	lastRead	int(11)			No	0			Change  Drop  More
<input type="checkbox"/> 5	created_at	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 6	updated_at	timestamp			Yes	NULL			Change  Drop  More

## 13. languages

Server: 127.0.0.1 » Database: vervays » Table: languages

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	name	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	created_at	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	updated_at	timestamp			Yes	NULL			Change  Drop  More

## 14. migrations

Server: 127.0.0.1 » Database: vervals » Table: migrations

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(10)		UNSIGNED	No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>migration</b>	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>batch</b>	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

## 15. orders

Server: 127.0.0.1 » Database: vervals » Table: orders

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>paymentId</b>	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>userId</b>	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>backIdCode</b>	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>paymentCode</b>	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	<b>expiredTime</b>	timestamp			No	current_timestamp()			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 7	<b>status</b>	enum('pending', 'success', 'failed')	utf8mb4_unicode_ci		No	pending			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 8	<b>created_at</b>	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 9	<b>updated_at</b>	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

## 16. password\_reset\_tokens

Server: 127.0.0.1 » Database: vervals » Table: password\_reset\_tokens

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>userId</b>	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>token</b>	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

## 17. payments

Server: 127.0.0.1 » Database: vervals » Table: payments

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b>	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	<b>codeName</b>	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	<b>created_at</b>	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	<b>updated_at</b>	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>



## 18. payments\_methods

Server: 127.0.0.1 » Database: venvays » Table: payment\_methods

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>paymentId</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 5	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

## 19. profile\_photos

Server: 127.0.0.1 » Database: venvays » Table: profile\_photos

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

## 20. publishers

Server: 127.0.0.1 » Database: venvays » Table: publishers

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>userId</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>profilePhotoId</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>description</b>	text	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>balance</b>	bigint(20)			No	0			Change  Drop  More
<input type="checkbox"/> 7	<b>month</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 8	<b>year</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 9	<b>isDeleted</b>	tinyint(1)			No	0			Change  Drop  More
<input type="checkbox"/> 10	<b>created_at</b>	timestamp			Yes	current_timestamp()			Change  Drop  More
<input type="checkbox"/> 11	<b>updated_at</b>	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()	Change  Drop  More

## 21. reviews

Server: 127.0.0.1 » Database: vervays » Table: reviews

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>rating</b>	double			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>review</b>	text	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>isAnonymous</b>	tinyint(1)			No	0			Change  Drop  More
<input type="checkbox"/> 5	<b>haveld</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 7	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

## 22. sample\_ebook\_files

Server: 127.0.0.1 » Database: vervays » Table: sample\_ebook\_files

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>name</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

## 23. steps

Server: 127.0.0.1 » Database: vervays » Table: steps

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#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>paymentMethodId</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>order</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>step</b>	text	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 6	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More



## 24. users

Server: 127.0.0.1 » Database: vervays » Table: users

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>firstName</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>lastName</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>email</b>	varchar(255)	utf8mb4_unicode_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>password</b>	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/> 6	<b>birthDay</b>	date			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 7	<b>phoneNumber</b>	varchar(255)	utf8mb4_unicode_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/> 8	<b>gender</b>	enum('male', 'female')	utf8mb4_unicode_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/> 9	<b>isDeleted</b>	tinyint(1)			No	0			Change  Drop  More
<input type="checkbox"/> 10	<b>email_verified_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 11	<b>created_at</b>	timestamp			Yes	current_timestamp()			Change  Drop  More
<input type="checkbox"/> 12	<b>updated_at</b>	timestamp			Yes	NULL	ON UPDATE CURRENT_TIMESTAMP()		Change  Drop  More

## 25. wishes

Server: 127.0.0.1 » Database: vervays » Table: wishes

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>userId</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 2	<b>bookId</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>created_at</b>	timestamp			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 4	<b>updated_at</b>	timestamp			Yes	NULL			Change  Drop  More

#Selamat bekerja