
Technical Test

PHP Developer

Instruction:

Read the instruction carefully and provide the result through a public github link.

PT Tema Rekayasa Digital is a new startup which vision is providing all people needs from A to Z. You're hired as their web developer to make their dream comes true!

You are required to create 2 products for them:

1. Topup Balance page
2. Product page

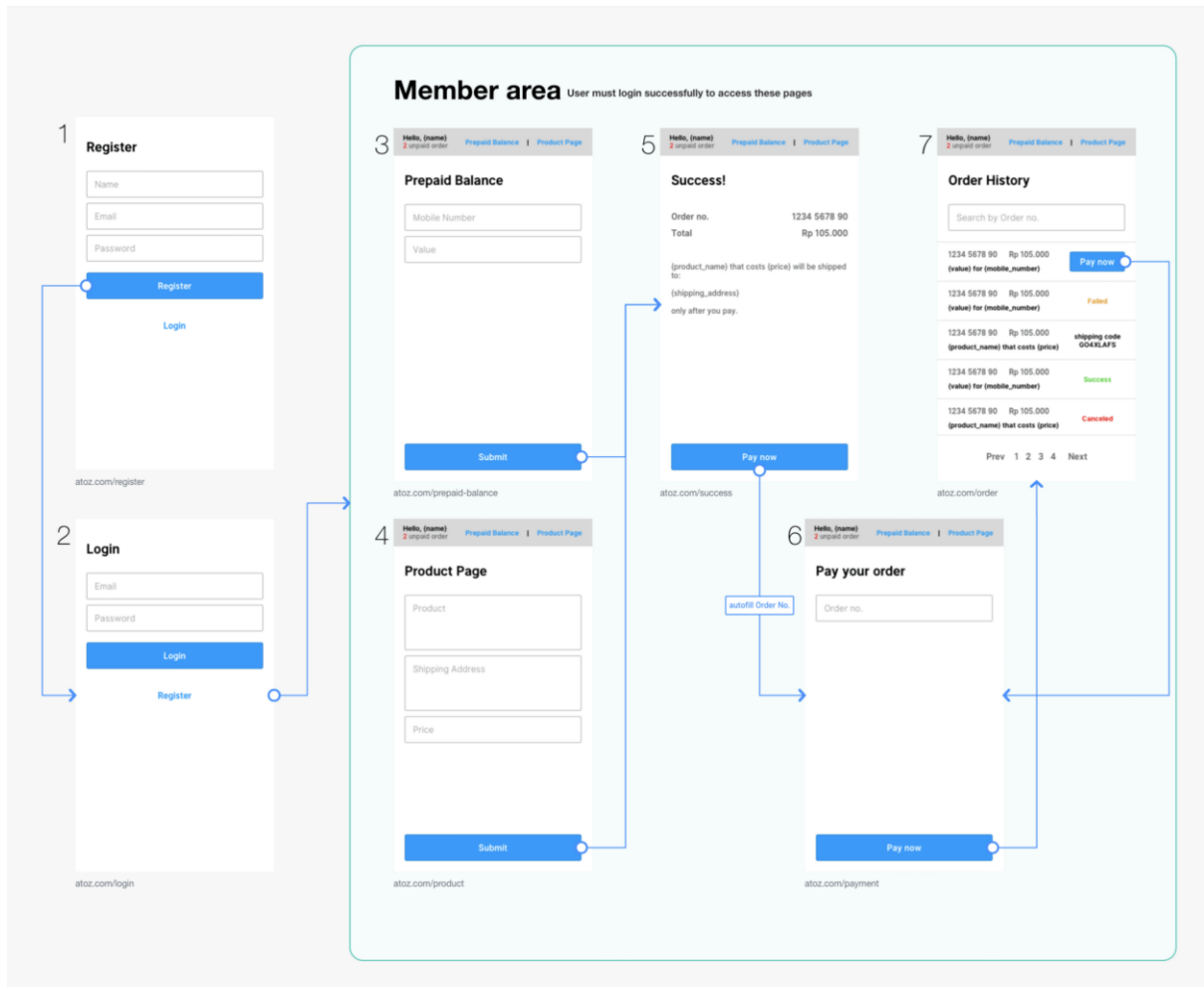
Requirements

1. Database : MySQL
2. Create Steep Installation on README.md

Key Assessment

1. All requirements must be done

Website Preview



[Detail image, click here](#)

---- login & register module ----

1. Page : Register

Field	Type	Validation
Email	text	Required Valid email format
Name	text	
Password	text	Required Min. 6 char

2. Page : Login

Field	Type	Validation
Email	text	Required Valid email format
Password	text	Required Min. 6 char

----- Member area can be accessed only after user logged in -----
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Header (on every page, except login and register)

Field	Type	Validation
Name/Email	text	Show name if given, email if not
Count	text	Number of unpaid order
Link 1		Link to Topup page
Link 2		Link to product page

3. Page : Topup Balance Page

Field	Type	Validation
Mobile number	text	Required Digit only Length between 7 and 12 Must be prefixed with 081
Value	Select box	Required (validate only 10.000, 50.000, 100.000)

4. Page : Product Page

Field	Type	Validation
product	textarea	Required Length between 10 and 150
Shipping address	textarea	Required

		Length between 10 and 150
price	text	Required Digit only

5. Page : Success Create Order

Field	Type	Validation
Order no	text	10 digit random number Must be unique
Total (Topup Balance)	text	Value + 5% Message format : Your mobile phone number {phone} will receive Rp {value}
Total (product page)	text	Value + 10.000 Message format : {product_name} that costs {price} will be shipped to : {shipping_address} only after you pay
Date	text	Timestamp when the order is placed

6. Page : Pay order

Field	Type	Validation
Order no	text	Exist Not canceled and not paid Can only be paid by the customer who created the order Order no. is autofilled when users accessed from Success Create Order or Order History

Mark order as **paid** and record the timestamp

Each type of Order no. will be processed differently :

- **Product Page** : Generate 8 letters of alphanumeric to be the Shipping Code.
- **Topup Balance** : If paid this is within 9AM to 5PM, success rate is 90% (40% otherwise). Mark transaction as failed or success based on the result above.

7. Page : Order History

- a. Both Topup Balance and product will be listed here
- b. Sort descending by order creation date
- c. Use pagination every 20 orders

Search behaviour:

- 10 digit : find the exact order no.
- Less than 10 digit : find partial match to order no.
- Empty field : show all order
- Search must be compatible with pagination

States :

- Before paid : pay the transaction (**pay now** button)
- Canceled : order is not paid within 5 minutes of creation
- After paid :
 - **Topup Balance** :
 - Success : **Balance** is successfully paid
 - Failed : **Balance** transaction failed
 - **Product Page** :
 - Shipping code generated : **Product** is successfully paid

Description for each order type :

- **Topup Balance** : {value} for {mobile_number}
- **Product Page** : {product_name} that costs {price}