


1. Home



KX's FARM

Durian Track & Trace

Secure and transparent tracking transactions

Account number:

Connect to Metamask

Connect Status:

Access Contract


Register as a Customer:

UserName:

Register

Figure 1: Prototype for KX's Farm Home Page

2. Owner



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Owner

Assign Role

User Address:

Role: v

Assign Role

Create Farm

Owner:

Name:

Create Farm

Create Distribution Center

Owner:

Name:

Create Distribution Center

Create Retail Shop


Owner:

Name:

Create Retail Shop

Figure 2: Prototype for KX's Farm Owner

3. Farmer



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Farmer

Create Durian

Farm ID :

Durian Type :

Harvest Date : 


Harvest Time : 

Create Durian

Update Date pass to Distributor

Distributor ID:


Distributor Center Address:

Date Pass to Distribution Center: 

Update Date

Figure 3: Prototype for KX's Farm Farmer

4. Distribution Centre



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Distribution Centre

Update Durian Info from Farmer

Durian ID:


Date Received From Farm: 

[Update Durian](#)

Update Date Pass to Retailer

Durian ID:


Retailer Address:

Date Pass to Retailer: 

[Update Date](#)

Figure 4: Prototype for KX's Farm Distribution Centre

5. Retailer



KX's FARM

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Retailer

Update Durian Info from Distributor

Durian ID:

Date Received From Distribution Centre:

Update Date Pass to Customer


Durian ID:

Customer Address:

Date Pass to Customer:

Figure 5: Prototype for KX's Farm Retailer

6. Customer




KX's FARM

Durian Track & Trace
Secure and transparent tracking transactions

Customer

Update Durian for Customer

Durian ID:

Date Received From Retailer: 

Update Durian

Rate Durian

Durian ID:

Rating Scale
0 - Undefined 1 - inedible 2 - Bad 3 - Average
4 - Good 5- Excellent

Taste:

Fragrance:

Creaminess:

Texture:

Ripeness:

Durian Grade:

Comment:
Provide a comment if any

Rate Durian

Durian ID:

Get Durian Info

Durian ID:	<input type="text"/>
Durian type:	<input type="text"/>
Farm ID:	<input type="text"/>
Harvest date and time:	<input type="text"/>
Date pass to distribution Centr:	<input type="text"/>
Distribution center ID:	<input type="text"/>
Date received from farm:	<input type="text"/>
Date pass to retailer:	<input type="text"/>
Retailer address:	<input type="text"/>
Date received from distribution center:	<input type="text"/>
Date pass to consumer:	<input type="text"/>
Consumer address:	<input type="text"/>
Date received from retailer:	<input type="text"/>
Taste:	<input type="text"/>
Fragrance:	<input type="text"/>
Texture:	<input type="text"/>
Creaminess:	<input type="text"/>
Ripeness:	<input type="text"/>
Grade:	<input type="text"/>
Comment:	<input type="text"/>

Figure 6: Prototype for KX’s Farm Customer