

Delong Huang

NUID: 002938157

Business requirements:

Nouns Verbs

- Users should be able to create package record in default status: label created.
- Package record includes ID, status, consignor, consignee, origin, destination and note
- Consignor includes name, contact info
- Consignee includes name, contact info
- Users should be able to change package's status from label created to on the way
- Packages in status: on the way should have all the same attributes
- Users should be able to change package's status from on the way to delivered
- Packages in status: delivered should have all the same attributes plus delivered day
- Users should be able to remove any record
- 3 kinds of records would be displayed separately
- Users should be able to add any note to any record after being created and delete the note
- Users should be able to search for any record by ID

Nouns

- Users
- Records
 - o ID
 - o Status
 - Label created
 - On the way
 - Delivered
 - Date
 - o Consignor
 - Name
 - Contact info
 - o Consignee
 - Name

- Contact info
- Origin
- Destination
- Note
 - Content
 - Date

Verbs

- Create
- Include
- Change
- Have
- Remove
- Display
- Add
- Delete
- Search

Use Cases

Users create package record with consignor, consignee, origin, destination

The status of created record is label created by default

The ID of created record is generated randomly

Users change the status from label created to on the way, from on the way to delivered

Once the status has been changed to delivered, it would record the date

Users could leave notes for any record

Users could delete notes of any record

Users could remove any record

All the info would be saved by minimongo db

Target Audience

People who would like to record package info

People who would like to update the package info

People who would like to leave notes for package record

UML

