

User Stories Document

Problem Description

who: **As a citizen in a well-populated area,**

what: **I want items delivered from point A to point B without having to do it myself,**

why: **this way I save time and can spend it on something else.**

who: **As a citizen in a well-populated area,**

what: **I want to earn some extra money during spare time,**

why: **with some extra cash I can afford rent amongst other things more easily.**

User Stories

User stories are structured by who they are relevant for:

1. Owners - people who wants their package delivered
2. Assistants - people who deliver packages
3. Users - owners + assistants

1. As an assistant, I want to be able to see *delivery requests*, so that I can see what deliveries I can perform

- Provide a view that shows a list of all available delivery requests
- Each delivery request in the list should show: name, origin, destination, payment, weight

2. As an assistant, I want to be able to see full detail of each *delivery request*, so that I can see what deliveries I can perform

- Tapping on a delivery request in the list takes the user to a separate view where all the data about that delivery request is shown.
- There is a link to the delivery's owner and assistant (if any)

3. As an owner, I want to be able to post *delivery requests*, so that others can deliver my items.

- Provide a view that lets the user enter details about their package. The view should also contain a prominent done button.
 - Data: name, description
 - Location: origin, destination
- Once posted, the delivery request should appear in the list of delivery requests mentioned in 1.

4. As a user, I want to be able to navigate between views, so that I can both post and accepts delivery requests.

- There should be a navigation bar at the bottom of the app (see mock).

5. As an assistant, I want to be able to accept *delivery requests*, so that I can reserve them for myself.

- Provide an accept delivery button in the detail view of a delivery request.
- Accepted requests should not be able to be accepted by others and they should disappear from the list showing all delivery requests.
- Accepted requests should contain who accepted them.
- delivery request should be marked as accepted

6. As an owner, I want to see a list of my delivery requests, so that I can easily see which ones have been accepted or not.

- Provide a view that shows a list of all the user's delivery requests.
- In each delivery request show who accepted it and provide a link to that user's profile page.

7. As an assistant, I want each delivery request to display who the owner is, so that I know who I am doing business with.

- The owner's name should be listed.
- It should be possible to tap on the name and enter a view of that user's profile page.

8. As an assistant, I want delivery requests to state their payment, so that I know how much I will be paid.

- Owners need to specify a non-negative amount of payment when posting the delivery request.
- The owners account balance must be greater than or equal to the payment amount, or the post won't go through.
- Delivery payment is displayed in the delivery details view.
- Delivery payment is displayed next to each delivery in the list of delivery requests.

9. As an assistant, I want the owner to be able to confirm pickup and confirm delivery, so that I can get paid through the app.

- Clicking a "Confirm pickup" button on the delivery details page should mark the delivery as traveling.
- Clicking a "Confirm delivery" button on the delivery details page should mark the delivery as completed.
- Once the delivery is marked as completed, the assistant gets paid. (every user has an int representing their real money, and that "money" is sent).

10. As an owner, I want each accepted delivery request to display the assistant making the delivery, so I know who I'm doing business with.

- The delivery details page shows the assistants name.
- It should be possible to tap the name and go to the assistants user profile.

11. As an assistant, I want delivery requests to state their approximate weight, so that I can filter packages that I can carry.

- Owners need to specify their package weight.

12. As an owner, I want to be able to clarify that a package is fragile, so that assistants won't handle it carelessly.

- When entering details about a package there should be a toggle switch for fragile.

13. As an owner, I want to be able to see the current status of my packages, so that I can see how my deliveries are going.

- Delivery requests always have one of the following statuses:
 - Not accepted, accepted, travelling, delivered
- In the list of my delivery requests, each list item shows one of these statuses.

14. As an assistant, I want to be able to see a photo of the package, so that I can get a better understanding of what is required to transport such an item.

- ~~• The owner should be able to provide an image from the photo roll.~~
- The owner should be able to take a picture using the camera.

15. As a user, I want a profile page displaying my user's details, so that I can quickly share them with others.

- Provide a view for each user that displays their public information: name, mail, phone

16. As a user, I want to be able to edit my profile page, so that I can provide/update my real contact information.

- Provide a button on the profile page to edit the information
- Store updated information

17. As an assistant, I want to be able to filter for specific requests, so that I can easily filter out uninteresting requests.

- There should be a view with a list and a filter panel of some sort.
- The list displays all requests in a 10km radius of the desired location that also matches the filter.
- Each of the following gives value on its own, and can be seen as a separate user story
- The filter options should be
 - origin
 - distance from origin to destination (km)
 - weight
 - fragile
- The list can be ordered by payment, distance (A -> B) or distance (from you).

18. As an owner, I want to be able to cancel an unaccepted delivery request, so that I can take down requests if they are no longer relevant.

- Clicking the cancel button on a delivery request should cancel and remove that request from the list.

19. As an owner, I want to not have to worry about my packages being compromised by a malicious assistant, so that I can trust the service. (Carrepsa)

This will be done by requiring the assistant who accepts the delivery request to deposit a certain amount of money with the company (Carrepsa). The deposit will be returned once the owner confirms the delivery has arrived.

- The owner specifies the amount of money
- The assistant must deposit this specified amount of money
- The deposit is paid back to the assistant once the delivery is complete

20. As an owner, I want to see what packages I have sent, so that I can keep track of what I have sent, to where and if a package was delivered or not. (in case I forget)

- There is a view available where the owner can see a list of their *delivered* packages.

21. As an assistant, I want to be able to see the latest packages, so I can easier get the packages that suit me the best

- Either automatically or by pressing a button to refresh either a map or a list of packages.

22. As an assistant, I want to see what packages I have previously delivered, so that I can see the progress I have made and the money I have made.

- I can see the previous packages that I have delivered
- I can see a summary of all the money I have made
- I can see a summary of how many packages that I have delivered

~~As an owner, I want to be able to see the current status of my packages, so that I can see how my deliveries are going.~~

- ~~• If the assistant shares GPS, the owner can through the delivery request detail view follow the assistant's geolocation.~~

~~As an owner, I want a mechanism that ensures that assistants make my delivery with haste, so that the receiver won't have to wait for too long.~~

- ~~• If a package is delivered later than the automatic time estimation done by the app (which is generous and rounds up 6h) the payment is 50-100% of original payment depending on how late.~~

~~As an user, I want to see recent searches when specifying locations, so that I quickly pick locations I frequently use.~~

- ~~• When specifying a location there should be a preview list of recent searches that is tappable. Tapping on an entry selects it as the location.~~

~~As an owner, I want to specify a recurring delivery request (subscription), so that I can send stuff periodically.~~

- ~~• It should be possible to set that a delivery request should occur every n-days, every week, every month etc~~
- ~~• Each individual request should be available to accept on the specified date and onwards.~~
- ~~• The recurring requests should stack, but each individual one should be possible to cancel.~~

~~As an owner, I want to get notifications for updates to my package~~

- ~~• When someone can deliver my package~~
- ~~• When someone has picked up my package~~

~~As an assistant, I want to see a visual overview of delivery requests in a certain area, so that I can easily see which ones that are nearby some location.~~

- ~~• There is a view where users can see a pannable/zoomable map with nodes. Each node is the origin of a delivery request.~~
- ~~• Selecting/tapping on a delivery request shows more detailed information about the package, including the delivery destination on the map, the pay, the required deposit fee, and the pickup timer.~~
- ~~• Once the assistant has verified that they can complete the delivery request, they can accept it. Now, no other assistants can pick the same delivery request.~~

~~As an assistant, I want to see a map so that I can more easily navigate between destinations.~~

- ~~• There should be a pannable/zoomable map available in the app.~~

~~As an assistant, I want to search for locations on the map, so that I can find them efficiently.~~

- ~~• There should be a search box which automatically pans/zooms the map to the searched location.~~

~~As an assistant, I want to see the location of delivery requests on the map, so that I can easily plan a delivery route.~~

- ~~• There should be nodes representing the origin of each delivery request, it should also be possible to see the destination. (by tapping the node, or something like that)~~

~~As an assistant, I want to access details of the delivery requests on the map, to more efficiently judge whether to accept the requests or not.~~

- ~~• Tapping a node should reveal a card with more detailed information about the request.~~

~~As an assistant, I want to be able to accept requests from the visual overview of delivery requests, so that I can easily see accept requests form the same interface.~~

- ~~• Assistants can tap on a delivery request on the map and choose to accept it. Now, this delivery request will disappear from others as it's accepted.~~

~~As an assistant, I want to be able to see an origin location on the map, so that I can easily navigate to that place.~~

- ~~• In the detail view of a delivery request there should be a button that says *Show on Map* that takes the user to the corresponding location on a map.~~

~~As an owner, I want an indication on what my delivery might cost so i can compare it with other solutions like bring, postnord, having the summer intern deliver it etc.~~

- ~~• The app should calculate an estimated price based on similar transports made recently.~~

~~As an assistant, I want to see a picture of the place the package is going to and from~~

- ~~• The app should enable the assistant to view the package pickup and deliver locations in google street view. This way delivery will be less confusing.~~

~~As the app developer, I do not want to be liable when someone transports drugs, refugees, thermonuclear warheads or other illegal stuff with my app~~

- ~~• This should be enforced by a contract signed by all parties using the app when they register.~~

~~As an assistant, I want to see stuff that I can transport along the way when going somewhere~~

- ~~• For example, I want to be able to pick up stuff going from Borås to Jönköping on my way from Göteborg to Stockholm~~

~~As a business owner, I want a web interface so that my phone is not necessary for ordering and tracking deliveries~~

- ~~• The web interface should have the same functionality as the app~~

~~As an owner, I want to be able to restrict my deliveries to assistants with a high enough rating.~~

- ~~• Owners should be able to set the minimum rating an assistant should have in order to be able to accept the delivery.~~
- ~~• Assistants should only be shown the deliveries that they qualify for.~~
- ~~• There should be a monetary penalty for using this, to ensure new assistants have jobs available to them.~~