university of groningen

Pulles, L.C. <l.c.pulles@student.rug.nl>

Meeting for Sharing Logistics Simulation

20 messages

Pulles, L.C. <l.c.pulles@student.rug.nl> Thu, Mar 5, 2020 at 10:28 AM
To: Astone Shi <astone.shi@gmail.com>

Dear Mr. Shi,

Would you be able to meet today between 15:00 and 17:00 or tomorrow somewhere before 15:00?

We made a first draft and would like to check if it's in line with your wishes.

Kind regards,

Lonneke

Astone Shi <astone.shi@gmail.com> Thu, Mar 5, 2020 at 11:10 AM
To: "Pulles, L.C." <l.c.pulles@student.rug.nl>

Hello Lonneke,
I would suggest you make/discuss **a list of functions (small functions) in detail** first. The draft UI is based on all these functions.
When people discuss UI, they first check if it contains all functions.
Also during the development, each developer will work on a single function each time. Same for the system testing.
Best regards,
Astone
[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Mon, Mar 9, 2020 at 11:53 AM
To: Astone Shi <astone.shi@gmail.com>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>
Bcc: "Tutea, I.A." <i.a.tutea@student.rug.nl>

Dear Astone,

We didn't exactly understand what you meant by creating a list of functions. Do you mean we should also make a user interface specification?

We did, however, make a requirements document and a draft UI. The draft UI can be found here. The requirements document is attached to this email. The draft UI has been designed with the requirements in mind.

If you could give us some feedback on these documents, that would be greatly appreciated. This could be via email or face-to-face. With this feedback, we could start implementing some of the requirements.

Best regards,

Antonin, Karim, Bjar, Lorenzo, Gheorghe and Lonneke

[Quoted text hidden]

requirements.md
6K

Pulles, L.C. <l.c.pulles@student.rug.nl> Mon, Mar 16, 2020 at 10:44 AM
To: Astone Shi <astone.shi@gmail.com>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>

Dear Astone,

We have been working on the project for a bit more and it would be great if we could just quickly get feedback, to hear if it's in line with your wishes. It may be easier to do this via email instead of meeting in real life.

The code can be found here. A screenshot of the draft UI can be found here.

We hope to hear from you soon.

Kind regards,
Antonin, Bjar, Gheorghe, Lorenzo & Lonneke
[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Mon, Mar 16, 2020 at 10:45 PM
To: "Pulles, L.C." <l.c.pulles@student.rug.nl>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>

Hello All,

It is a bit busy for me because of the coronavirus these days.
I had a quick look at the draft UI and code. You did very well and it looks nice.
A quick feedback is:

I would suggest maybe it's better and more clear to simulate and compare different working status or working styles (old way and new way) for a truck (one type for example).
Set some parameters for the old way and some parameters for the new way, as detailed as possible.

Regards,
Astone

[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Mon, Mar 23, 2020 at 3:58 PM
To: Astone Shi <astone.shi@gmail.com>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>
Bcc: "Tutea, I.A." <i.a.tutea@student.rug.nl>

Hello Astone,

No problem at all! We hope you are well. Thanks for the quick response and feedback you send us.

Since then, we're working on adding a screen to show the eventual output of the simulation, comparing the traditional way and new way of transporting the goods. Currently, it's possible to set the parameters location, date, truck type and size and weight of the goods to be transported.
We will be working on the actual simulation, the algorithm, the next two weeks. The app doesn't show any actual output at the moment yet, but that should be possible in two weeks time.

For now, we only have a few questions.

- Are there any specific parameters you would like to see added to the input panel?
- In order to include the extra time needed to pickup packages in the sharing logistics method we considered having pickup locations randomly generated in a fixed radius around points A and B. Any thoughts on this approach?

If you want to look at the code and the app in its current state, you can find it here.

Kind regards,
Antonin, Bjar, Gheorghe, Lorenzo and Lonneke
[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Tue, Mar 24, 2020 at 5:19 PM
To: "Pulles, L.C." <l.c.pulles@student.rug.nl>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>

On Mon, 23 Mar 2020 at 15:58, Pulles, L.C. <l.c.pulles@student.rug.nl> wrote:

> Hello Astone,
>
> No problem at all! We hope you are well. Thanks for the quick response and feedback you send us.
>
> Since then, we're working on adding a screen to show the eventual output of the simulation, comparing the traditional way and new way of transporting the goods. Currently, it's possible to set the parameters location, date, truck type and size and weight of the goods to be transported.
> We will be working on the actual simulation, the algorithm, the next two weeks. The app doesn't show any actual output at the moment yet, but that should be possible in two weeks time.
> >>> OK
>
> For now, we only have a few questions.
>
> - Are there any specific parameters you would like to see added to the input panel?

>>> Nope. I can't think too many details. It all depends on you.

> - In order to include the extra time needed to pickup packages in the sharing logistics method we considered having pickup locations randomly generated in a fixed radius around points A and B. Any thoughts on this approach?

>>> I don't know. But the key point here is to consider the extra cost if when we add more pickup locations.

> If you want to look at the code and the app in its current state, you can find it here.
>>> Thanks. I see.
[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Wed, Apr 8, 2020 at 11:52 AM
To: Astone Shi <astone.shi@gmail.com>

Hello Astone,

We finished a minimum viable product that shows some output now.
Are you free tomorrow to discuss this via Google Hangouts?

Kind regards,

Lonneke
[Quoted text hidden]

L.C. Pulles <l.c.pulles@student.rug.nl> Fri, Apr 10, 2020 at 2:19 PM
To: Astone Shi <astone.shi@gmail.com>

Or maybe next week?
[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Fri, Apr 10, 2020 at 6:20 PM
To: "L.C. Pulles" <l.c.pulles@student.rug.nl>

15th will be fine for me.
[Quoted text hidden]

L.C. Pulles <l.c.pulles@student.rug.nl> Sun, Apr 12, 2020 at 11:08 PM
To: Astone Shi <astone.shi@gmail.com>

15th is fine for us as well.
Around 15:00 maybe?
[Quoted text hidden]

L.C. Pulles <l.c.pulles@student.rug.nl> Tue, Apr 14, 2020 at 1:53 PM
To: Astone Shi <astone.shi@gmail.com>

Another time would work for us as well, if that's better.

On 10 Apr 2020, at 18:20, Astone Shi <astone.shi@gmail.com> wrote:

[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Tue, Apr 14, 2020 at 3:46 PM
To: "L.C. Pulles" <l.c.pulles@student.rug.nl>

Thanks. 15:00 is good
[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Wed, Apr 15, 2020 at 3:04 PM
To: Astone Shi <astone.shi@gmail.com>

We'll be a few minutes late due to technical issues, but I'll send you a Google hangouts link when we're ready.
[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Wed, Apr 15, 2020 at 3:07 PM
To: Astone Shi <astone.shi@gmail.com>

We're in this Hangout:

https://hangouts.google.com/group/fYW69Y1USgLnXWCm9
[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Wed, Apr 15, 2020 at 3:07 PM
To: "Pulles, L.C." <l.c.pulles@student.rug.nl>

OK. maybe 15:30 will be better?
[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Wed, Apr 15, 2020 at 3:16 PM
To: Astone Shi <astone.shi@gmail.com>

OK, no problem!
[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Wed, Apr 15, 2020 at 5:50 PM
To: "Pulles, L.C." <l.c.pulles@student.rug.nl>

When adding products,
I think, we should add **pickup location** and **delivery location** for each cargo/product/goods/.
What do you think?
[Quoted text hidden]

Pulles, L.C. <l.c.pulles@student.rug.nl> Thu, Apr 16, 2020 at 10:53 AM
To: Astone Shi <astone.shi@gmail.com>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>

We think that's a good idea, it would definitely make it more realistic.

In order to do that, for each product the user has to define a pickup and delivery location. We could add a parameter **radius** within which the goods' pickup locations are located around point A. The same goes for the delivery location around point B. That means we currently wouldn't allow the product to be located along the way. If you want, we can add that later on.

What do you think?
[Quoted text hidden]

Astone Shi <astone.shi@gmail.com> Thu, Apr 16, 2020 at 11:09 AM

To: "Pulles, L.C." <l.c.pulles@student.rug.nl>
Cc: antonin.thioux@gmail.com, "Karim, Bjar" <b.karim.1@student.rug.nl>, "G. Pojoga" <g.pojoga@student.rug.nl>, "L. La Rocca" <l.la.rocca@student.rug.nl>

When I imaging the context of use of the final solution or final product in the future, it should similar as "Uber" :
1. Senders post demand(s) tasks: Pickup and delivery locations, products info (sizes and weights)
2. Drivers take/accept tasks.

For our simulations, we try to make it as realistic as possible.

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