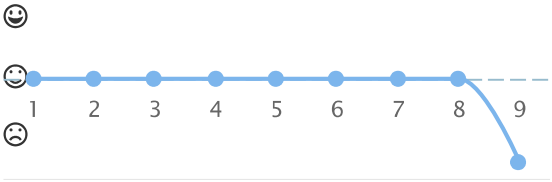
FEED Pulse

My feedback | Group feedback

Group 3

Cocks, Louis L.K. - Manolov, Moni M.K. - Morenc, Felix F. - Navarrete Carbonell, Jose J. - Smilkova, Anastasia A.S. - Stancu, Marina M.C.



Checkpoint 9 14-12-2020

⚠ No feedback submitted.

Bahreini, Kiavash K. (Teacher) a day ago
No feedback provided.

Checkpoint 8 30-11-2020

Stancu, Marina M.C. 2 months ago
We held the Sprint 3 review with our Product Owner. All group members were present.

Announcements:
An important announcement of the meeting was that the next Sprint review will be held on 14th of December, leaving us with only 2 weeks to work on the development of Sprint 4.
Another announcement was that we can expect the Mobeye API to be ready within a week, which will leave us with only one week to test and develop the connection between both APIs.

During the meeting, several other topics were discussed:

1) Set/reset parameter: We asked for more clarification regarding the set/reset option alarms have. According to our PO, this parameter would be able to reset an alarm if it exists already, if it doesn't, the alarm cannot be set.

2) Portal redirect: Our PO noted that when a user with a Mobeye account is logged in, when selecting to go to the Mobeye portal through our app, they should be automatically logged in into the portal.

3)Language of API messages: We should send the API commands in one language, Mobeye itself could be able to send commands in different languages.

4)Sprint 4 expectations: We should have about 5 dummy users in our application. We don't need to develop an extra attribute for language.

Bahreini, Kiavash K. (Teacher) a day ago
Alright. There is one unclear issue to me. The division of your tasks is not clear to me. We need to discuss it in the last week of January 2021.

Checkpoint 7 17-11-2020

Stancu, Marina M.C. 2 months ago
We held the technical API meeting with Mobeye on 16/11/2020.
This meeting made clear their requirements and how our API is supposed to work. Before the meeting, we really didn't know what Mobeye needed and expected out of our API and we were confused about the input and output of the communication between our API and Mobeye.

We have discussed each feature and HTTP request, and we provided our feedback about certain features, for example, the unique user identifier which would be based on an IMEI and not a MAC address.

The result of this meeting is a common document that we can use for developing our API.

Checkpoint 6 16-11-2020

Stancu, Marina M.C. 2 months ago
On Friday we held a class meeting to decide on the final common API schematic proposal.
All the available schematics have been presented by each group in our class. We have discussed intensively about each functionality and investigated each schematic. We have chosen the best two schematics, from Group 3(us) and Group 4. We were required to update the shared word document, to create a final common schematic.

We have been informed to come up and ask as many questions on Monday, to solve any points that still cause confusion.

We also received feedback specific to our own schematic. We should format it to be more clear, ordering all the API calls by user types.

Bahreini, Kiavash K. (Teacher) 2 months ago
Clear and to the point as discussed on Friday.

Checkpoint 5 12-11-2020

Stancu, Marina M.C. 2 months ago

In the latest meeting with mr.Kiavash (Sprint 2 retrospective) we discussed our progress so far with the Mobeye project. Anastasia was absent at this meeting.

We have looked into our usage of Jira and task division, and we were suggested to look into Extreme Programming (XP) for working in pairs on tasks.
We have defended our design choices for the application, as we were suggested React as an available option for application development. We have already made the choice of using C# with Xamarin for cross-platform development. We have chosen this because it aligns with our client's needs: it is simple, direct and professional. We have been informed that Mobeye developers are comfortable with C#, so this was also a factor in our decision.

We discussed in depth our issues with the lack of communication from Mobeye:

1) The recent documentation that was sent by our Product Owner created confusion among the entire class, and not just within our group. We did not get enough information to determine if the documentation was meant to be for what we were supposed to develop, or if it was not related to our project. After the Monday meeting, it turned out the latest documentation was not related to our project at all. It was sent as an example of different APIs Mobeye uses. This fact was not clear from the documentation or explanation that was sent to us initially.
2) We spent most of the past sprint refactoring our documentation and project to the changes in users and their functionality. This, along with the unclear documentation mentioned earlier, prevented us from developing the API.
We have started recently to hold meetings with our class, to eventually create a common API since Mobeye will only work with one API solution, and not with each API from every group.

Bahreini, Kiavash K. (Teacher) 2 months ago

Very good guys. Please make sure that your representatives will discuss these issues with Jack and the technical guy on Monday afternoon.

Checkpoint 4 09-11-2020

Smilkova, Anastasia A.S. 2 months ago

Our discussion with Jack today:

* Clarification relating to the latest API document: This document raised a lot of questions regarding the implementation of our API, but it turned out that Jack just took this out of another one of their apps to serve as an example. We do not need to implement it in the exact same way.

* Chat functionality: Jack is still not sure whether the messages should be deleted after closing the app, or stored on the user's device. This will be discussed later on.

* User roles: There was another user role, "Dealer", that appeared in the last API document which raised some confusion, but Jack told us that there will be no such role in our application. Thus we are sticking to the 3 roles that we already agreed on.

* Login functionality: We need to prepare functionality for the login for the next technical meeting. Security issues related to authorization will need to be investigated by Monday as well.

* Authorization: After authentication, each time the user opens the application, it will check what authorizations the user has, and display the relevant functionality for each different user role

* Unique Id: Every request should include a unique id; it can be used for sending messages as well. (This can be the email, phone number, etc.)

* Security: For receiving alarms and sending messages, security is not a top priority, but it must be for the door functionality. We should use a unique id. There is the possibility of receiving a private key for extra security as well.

* User security: A user can decide if they want another security code, for example, before confirming an active alarm, but this does not concern portal security.

* Different methods of implementation for receiving alarms will need to be investigated so that the most suitable one will be used, one of these methods is the HTTP Long Polling

Checkpoint 3 12-10-2020

Smilkova, Anastasia A.S. 3 months ago

In this meeting, we presented our project so far to Jack. He was happy with what we have done so far. He also clarified some things and told us what he expects from us for the next sprint.

1. We need to make sure that the user is the actual owner of the alarm device, and not someone that gained access to their phone and is trying to log in on their account. Thus, we will add some sort of verification. Jack suggested to either use a 4 digit pincode, or SMS. An SMS would be nice for a first-time log in, but spamming the user with messages every time they try to log in is probably not a good idea, so we will probably use the PIN method.

2. Jack clarified that there need to be 2 kinds of users: alarm owners and alarm contacts.
* The alarm (device) owners have a Mobeye account and can thus use the app to log in from the app/portal.
* The alarm contacts only receive a notification when there is an alarm. They do not own the alarm device and have no account in the Mobeye portal, so they must not be able to access it. They have very limited functionality and all we know is their phone number and name.

3. What Jack expects from us in the next sprint:
* Think about the way to send push messages to the portal API. Consider the pros and cons of each option and decide which one is the best, especially when it comes to speed.
* Try to implement the door opening:
  - Think of a way to send messages to the Mobeye portal.
  - Suggest API implementations on Mobeye's side, needs to be done with other groups to save time.
  - We need to do this as soon as possible so that Mobeye has time to implement it as they see fit.
* Agree with the other groups on what verification method to use for the log-in

Bahreini, Kiavash K. (Teacher) 3 months ago

Please make sure your group fully understand the requirements proposed by Jack. For any clarification and question, do not hesitate to contact him.

Checkpoint 2 28-09-2020

Cocks, Louis L.K. 4 months ago
Mr Kiavash feedback on the new architecture diagram:

1. The separation between your layers using the dot lines in the old architecture is more clear compare to the new one.
2. The start and end point of your old architecture is more clear.
3. Please try to keep the layout (vertical layout) of the old architecture and include your components in the system.
4. Maybe you can add numbers in the flow of your components, then the start and the end data flow in your system will be more clearer.
5. The description boxes over your arrows are not good. You need to put the plain text on top of the arrows using the numbers. For example, "12. The back-end sends the message to the UI" or simply "12. Sends the message".
6. The colour of your old architecture is more readable, please choose that one.
7. Can you add a few pages as your wire-frames to see how will the data on your architecture flow?
8. Where is the user in your new architecture?

Pros:
He was able to give us feedback on the document before we send this to Jack for the approval.
He gave us valuable points on where and what we can improve to make the diagram better, for the most part the diagram is good, but missing small important details.

Cons:
The school doesn't provide a software that we can use to create diagrams, which can be frustrating with all the free trail or paid software (by the way, great software).

Next moves:
Improve the diagram.
Send the document to Jack, our product owner for the approval.

Bahreini, Kiavash K. (Teacher) 4 months ago
There are a bunch of online and offline tools that you can use to draw your software architecture, UML diagrams and a lot more. Please find below a list of a few of them:

app.diagrams.net

Lucidchart.com

Also 20 of tools from here:

https://www.guru99.com/best-visio-alternative.html

Checkpoint 1 24-09-2020

Stancu, Marina M.C. 4 months ago

Today we had a group meeting with Mr Kiavash, and we received feedback about the architecture of our mobile application and about work division. Mr Kiavash was satisfied with our Jira backlog, wireframes and planning.
The architecture of the application can be condensed in 2 or 3 layers, we will consider the possibilities in each case as per the feedback we received.
We will also start dividing our work in clear individual tasks, but we might have to delay this until right before we start coding.