

Reflection - Sprint 2

How is your team doing? Does it work well? Can you improve?

In this sprint we have implemented the google maps api and connected the coordinates fetched from trafikverkets open API to be displayed on the interactive map, along with UI work. Every member of the group thought that the communication had improved this week, much because we implemented meeting agendas for every meeting and more strictly split up user stories this sprint.

Since we implemented agendas, every member can write topics for the upcoming meeting in our discord channel at any time, and it will be brought up during the meeting. By having an agenda we felt that it was easier to stick to both the main topics of the meeting without getting carried away on technical stuff and to have the meetings short and effective.

The git usage has gone well and we have never had any major issues. At the end of the week we merge all of our features to the main branch. We have a set of rules for pushing and merging, for example 3 people must approve a merge.

This sprint we implemented a naming strategy. We all use VS code and one of our members was using the extension "prettier code", which formatts the code after every save, so we decided to make the extension mandatory for every group member.

When it comes to the naming strategy we sat a couple of rules, for example:

- Choose variable names that clearly convey their purpose and meaning.
- camelCase for Variables.
- Boolean Variables should look like this: isVisible, isLoading, shouldRender
- ...

How do you ensure that your software is of good quality?

This week we have slowly started our unit testing, and we expect to do extensive testing of our code in sprint 3. As in previous weeks we have done a lot of pair programming and code reviews since we have some members working on backend tasks and some on frontend tasks. We also have rules for merging where 3 or more people need to have a look at changes made and accept them.

What user stories did you implement in this sprint?

All of the user stories in the TODO-list on the pre-sprint screenprint, except for KAN-14.

What are your plans for the upcoming sprint?

We want to further improve our UI, add and extend functionalities, like filtering for a county, having more detailed description for each accident in a dialog when a marker on the map is clicked. We will also do extensive unit testing.

<div>TO DO 4</div> <div><div>As a user who's using the roads i want visualize the Google Map</div><div><div>✓</div><div>KAN-7</div><div></div></div></div> <div><div>As a developer I want to add coordinates from trafikverket to the MAP</div><div><div>✓</div><div>KAN-8</div><div></div></div></div> <div><div>As a user who's concerned about a specific city can filter the map for it.</div><div><div>✓</div><div>KAN-14</div><div></div></div></div> <div><div>As a user I want to see a nice UI when using the application.</div><div><div>✓</div><div>KAN-15</div><div></div></div></div> <div>+ Crea ticket</div>	<div>ONGOING</div>	<div>READY ✓</div> <div>+ Crea ticket</div>	<div>TESTING</div>	<div>CLOSED 8</div> <div><div>As a devoleper i want to Create a react project & setup</div><div><div>✓</div><div>KAN-9</div><div>FM</div></div></div> <div><div>As a User I want a simple UI so I can use the application with this interface.</div><div><div>✓</div><div>KAN-4</div><div>FM</div></div></div> <div><div>As a user I want to connect to trafikverket API so I can retrieve "Situation" objects.</div><div><div>✓</div><div>KAN-5</div><div>BA</div></div></div> <div><div>As a developer i want to Adjust the query to the trafikverket API to only fetch the wanted information.</div><div><div>✓</div><div>KAN-11</div><div>TA</div></div></div> <div><div>As a developer i want to Store the fetched information in relevant variables, to be able to use them separately.</div><div><div>✓</div><div>KAN-12</div><div>BA</div></div></div> <div><div>As a user I want to Filter the "Situation"-object to only show accidents</div><div><div>✓</div><div>KAN-6</div><div>MD</div></div></div> <div><div>As a developer i want to Reformat the json-formed answer from the trafikverket API</div><div><div>✓</div><div>KAN-10</div><div>BA</div></div></div> <div><div>As a user I want a nice UI that can display the fetched information</div><div><div>✓</div><div>KAN-13</div><div>FM</div></div></div>
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RoadSafe-Sweden

BA FM BQ MD +2

TO DO 2	ONGOING	READY ✓	TESTING	CLOSED 11	+
<div>As a user who's concerned about a specific city I want to filter the map for it.</div> <div>✓ KAN-14</div>				<div>As a devoleper i want to Create a react project & setup</div> <div>✓ KAN-9</div>	
<div>As a developer I want to be able to test if my code is running as it is supposed to with unit-testing.</div> <div>✓ KAN-16</div>				<div>As a user who's using the roads i want visualize the Google Map</div> <div>✓ KAN-7</div>	
<div>+ Create issue</div>				<div>As a User I want a simple UI so I can use the application with this interface.</div> <div>✓ KAN-4</div>	
				<div>As a developer I want to add coordinates from trafikverket to the MAP</div> <div>✓ KAN-8</div>	
				<div>As a user I want to connect to trafikverket API so I can retrieve "Situation" objects.</div> <div>✓ KAN-5</div>	
				<div>As a user I want to see a nice UI when using the application.</div> <div>✓ KAN-15</div>	
				<div>As a developer i want to Adjust the query to the trafikverket API to only fetch the wanted information.</div> <div>✓ KAN-11</div>	
				<div>As a developer i want to Store the fetched information in relevant variables, to be able to use them</div>	

(Screenshot at the end of the sprint)