## Section 1: Team members data, preferences, and expectations

| Name of team member | Roles | | | Grade expectations | | Preferred times for… | |
|---|---|---|---|---|---|---|---|
| | Natural roles | Preferred tasks | Why (any special skill?) | Minimum grade | Expected grade | Extra meetings | Work habits |
| Chris Bleeker | Plant / Implementer / Complete Finisher | Backend and frontend. If I had to choose one, it would be frontend | Experience with both, and I like working on both. I have also done a lot of frontend work lately. | 7 | 8.5 | Preferably avoiding weekends | Trying to do as much as possible earlier in the day.. |
| Teodor Zlatkov | Coordinator / Plant / Complete Finisher | Backend, unit testing, documentation | Experience with working full-stack on websites. | 7 | 9 | Having extra meetings only when necessary. | Random and without schedule |
| Born Veen | Specialist / Complete Finisher | Backend | Likes Mathematics | 6 | 8 | Any day before 22:00 | somewhere between 9:00 and 23:00. |
| Aleksii Kyryk | Implementer / Specialist | Backend/Frontend | Like working on logic of backend, have experience with web applications | 6 | 8 | Preferably avoiding weekend | between 8:00 and 18:00 |
| Vladimir Kobzev | Specialist / Plant | Frontend | I freelanced as both for a couple of years, although I've only worked on the frontend jobs lately (esp. React) | 6 | 8.5 | anytime except for mornings | Whole day and night a several times a week |
| Daniar Baialiev | Complete Finisher / Specialist | Backend, documentation | No experience apart from university, but quick to learn and adapt | 6 | 8 | Evenings or weekends | Working mainly at night |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Dmytro Taras | Implementer<br>Shaper<br>Plant | Backend | Has previous experience. | 6 | 7 | Week: After 17:30<br>Weekends: Saturday noon. | I Like to follow a schedule. |
| Kristal Labort | Team worker<br>Specialist<br>Monitor evaluator | Backend | Has previous experience. | 6 | 7 | Week: After 17:30<br>Weekends: Saturday noon. | I Like to follow a schedule. |
| Lukas Reika | Coordinator<br>Shaper<br>Monitor Evaluator<br>Complete finisher<br>Implementer | Backend | Has previous experience. | 6 | 7 | Week: After 17:30<br>Weekends: Saturday noon. | I complete work last minute before the deadline. |

# Section 2: Project Goals

The work team has agreed to work towards the following main objective

*To plan, design, implement, test and delivery a web application for the company **CentreGeo** that include the features of **(a) ingesting SUMO simulation files, (b) visualizing road networks, (c) showing the simulation data in the road networks,** and **(d) showing some basic statistics about the simulation** in the time of 11 weeks*

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The main objective can also be understood as the following specific objectives:

| Sub goal | S (Specific) What | M (Measurable) Up to | A (Attainable) How | R (Relevant) Why | T (Time Bound) When |
|---|---|---|---|---|---|
| 1 | Show basic simulation statistics from the database | All charts for relevant simulation statistics are shown | Create a web page that shows statistical simulation data with charts and plots | It is one of the requirements and also helps validate the database | By the 6th week of the project |
| 2 | Create a backend capable of taking , managing and safely storing the obtained information in a database. | All simulation data is correctly represented in a relational database | Create a stable Java application server. | It is one of the main requirements for the functional part of the project. | By the 9th week of the project |
| 3 | Visualize the data stored in the database and provide tools for managing it | All requirements stated by the client are met | Using the provided WebGL library. | It is the most important part of the project, since the end-user is going to be using it. | By the end of the project deadline |

## Section 3: Behavioural rules

If the group encounters an internal problem that it cannot resolve in a negotiated manner, the group will go to this section to solve the problem through the following solution paths

| Issue | Rule | After N times | Consequences of breaking the rule |
|---|---|---|---|
| Attending the meetings | Attend all important meetings and make sure to attend most of the other ones. Everyone should be present for meetings as often as possible because that way the team can make sure that the project is going as expected and is on schedule. | 1 | Nothing - one meeting is not going to break or make the project. |
| | | 2 | If the person has a good reason for skipping a second meeting, no consequences. Otherwise, they have to bring sweets for everyone. |
| | | 3 | If a person misses the important meetings they may be punished by having to do more work. |
| Active participation | Everyone is expected to actively contribute to the project and make sure that others are doing so. It is not expected for all of us to have equal amounts of work put in, but making sure that it is as equal as possible is very important for the integrity of the project. When we detect that there are differences in the amount of work that a person has put it: | minor | If the differences are minor enough, then we don't really need to do anything. |
| | | noticeable | If the person is doing more work than expected, we are going to assign to him somebody with less work done. If it is the other way around, we are going to assign them where extra help is required. |
| | | major | If the person is lagging behind too much, and has not requested help, we are going to have to report them to the project supervisor. |
| Taking responsibility | Making sure to attend meetings, participate in the project, and help teammates in need. | 1 | The offender has to do more work. |
| | | 2 and 3 | The offender has to bring sweets for the rest of the team. |
| | | 4 | The offender will be reported to the project supervisor. |
| Delivering my work | If you say you're going to do something, make sure you finish it on time, or notify the others if you aren't going to. | 1 | A warning to make sure to tell others if you are not finishing on time or need help. |
| | | 2 | If someone is not finishing on time more than once, we are going to reevaluate the division of tasks to see if that person is not doing too much. |
| | | 4 | If this problem keeps recurring we are going to have the person reported to the project supervisor. |

## Section 4: Commitments

Each member of the team has expressed their agreement with this contract and each of their commitments and that is collected in the following table:

| | COMMITMENTS | Team members signal | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | C.B. | B.V. | T.Z. | D.B. | V.K. | A.K | K.L. | D.T. | L.R. |
| C1 | As a team member, I promise to do my best to achieve the goal of the team and deliver things on time. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C2 | As a team member, I promise to act responsibly with my work and maintain and update the Trello project board. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C3 | As a team member, I am committed to being open to dialogue and constructive criticism. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C4 | As a team member, I agree to act with integrity and not to commit fraud. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C5 | As a team member, I am committed to acting as a team and helping my teammates whenever it is necessary. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C6 | As a team member, I promise to be honest, sincere, and respectful with my teammates. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C7 | As a team member, I am committed to focusing on the client's needs and wishes before my own. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C8 | As a team member, I agree to always respect the role of leader and the agreements in this contract. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| C9 | As a team member, I declare that I have read, understood and accepted all aspects of this contract | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

**IN FAITH OF WHICH,** the Scrum master declare that all the team have read, agreed, and accepted all the conditions and commitments with the group written in this document that will be applied during module 4 Data & Information 2020/2021

| | Supervisor | | | Scrum Master | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | C.B. | |
| NAME: | | | NAME: | Chris Bleeker | |
| DATE: | | | DATE: | 30/05/2021 | |
| | | | | | |