| **Action** | **Member(s)** | **Date** | **Note(s)** |
| --- | --- | --- | --- |
| GitHub Setup | Daniel | December 10, 2021 | **Aim:** Set up online repository for team collaboration and version control  **Result:**  GitHub chosen as platform; repository available at:  https://github.com/DeC0rtez/dpj-network-simulator |
| Topology/ Logical diagram draft | Martin | December 14, 2021 | **Aim:** Create a topology to be constructed and programmed to function as a real network  **Result:**  Logical diagram/ topology draft with Viktor’s feedback drafted and available in the repository |
| Team Meeting | Artem  Daniel  Martin  Nikita  Vladyslav | January 6, 2022 | **Aim:** Discussion of ICA specification, project realisation and distribution of tasks  **Result:**   * UML diagram updated based on discussion * Identification of basic classes * Devices identified: Switches, Routers, End-devices * IP-address format - string * Factory Pattern for devices and connections * tasks allocated to members   **Daniel** – Work log/ Project Report & research into MVC, MVP, Factory, Strategy pattens  **Artem** – Preparing clarification questions for Viktor regarding to ICA requirements  **Martin –** Code skeleton + Factory Design Pattern application  **Nikita** – Research on application of MVC into code  **Vlad** - Research on application of MVC into code |
| Factory Design &  Optimization | Martin | January 8,  2022  12:20-1:50 | **Work**: Created Design for Device and Connection factories  Added a device and connection id system  Changed lists of devices and connections in simulation to a dictionary so that we can instantly look them up based on id  Added suggestion for use of command pattern near where the initially proposed MVC idea is.  Clarified common properties for devices and connections  Added utility methods for assigning device/connection id's |