Attachment D: Applications used in diagram elaboration and framework/technologies used in solution development

Draw.io(https://www.draw.io/)

- Context diagram
- Block diagram

Free SaaS with an intuitive and easy to start interface with many shapes and templates. Allows for easy sharing and storing

Signavio(https://www.signavio.com/)

- BPMN diagrams

SaaS provided by the System Analysis teacher. Allows for easy modelling of business process and diagram validation according to the modelling convention.

Balsamiq(https://balsamiq.cloud/)

- Mockups

Free 30 day trial SaaS that an easy start in developing mockups by focusing on the structure and position of elements instead of elements style and color.

Astah(http://astah.net/)

- Use Case diagram
- Domain model diagram
- State machine diagram

Leanstack(https://leanstack.com/)

- Lean Canvas

Development environment: Microsoft Visual Studio Code(https://code.visualstudio.com/)

Project repository: Github (https://github.com/Moozdzn/eScout)

Presentation Layer:

- HTML(https://developer.mozilla.org/en-US/docs/Web/HTML)
- CSS(https://developer.mozilla.org/en-US/docs/Web/CSS)
- Javascript(https://developer.mozilla.org/en-US/docs/Web/JavaScript)
- JQuery version 3.4.1(https://jquery.com/)
- Bootstrap version 4.3.1(https://getbootstrap.com/)
    - Main page template(https://startbootstrap.com/templates/shop-homepage/)
    - Chat template(https://bootstrapious.com/p/bootstrap-chat)
- Leaftlet version 1.5.1(https://leafletjs.com/)
- Leaflet Routing Machine(https://www.liedman.net/leaflet-routing-machine/)
- FontAwesome version 5.12.0(https://fontawesome.com/)

Business Logic Layer:

- NodeJS version 12.14.0(https://nodejs.org/en/)
    - HandleBars version 4.0.4(https://handlebarsjs.com/)
    - Express.js v4.16.1(https://expressjs.com/)

- GoogleDrive API for NodeJS version 39.2.0
  (https://developers.google.com/drive/api/v3/quickstart/nodejs)

Data Layer:

- DBMS MySQL(Hosted by https://remotemysql.com/)
- http://remotemysql.com/phpmyadmin/index.php(Development environment)