**MolOpt Project Work Responsibilities**

**Description:** This document will describe the work and the responsibilities each member in our group was in charge of.

**Daniel**

* Develop, design, and create the UI of the app.
* Responsible for most of the logic (validations, dynamic paging, user-permission, etc.)   
  and the look of the UI.
* Help integrating the frontend and the backend in the system.

**Amit**

* Develop, design, and create the UI of the app.
* Responsible for any integration between the frontend and the backend in the system.
* Help maintaining the frontend’s logics.
* Testing the UI and Testing the integration and acceptance tests (according to the requirements of the project).

**Nofar**

* Develop, design, and create the backend of the app.
* Responsible for the users and algorithm runs managements in the system.
* Design and create the app’s database.
* Help integrating the frontend and the backend in the system.
* Testing the unit tests of the project (on the backend).

**Shahar**

* Develop, design, and create the backend of the app.
* Responsible for all the things related to the system’s algorithms:
  + Making the algorithms run remotely from any PC (instead of locally – only on the BGU lab’s PC).
  + Verify all the algorithm’s validity (bugs detections and making sure that each algorithm can be run at any time in the system).
  + Algorithms optimization – including runs queue and improving the running time of each algorithm.
  + Enabling users to get the actual algorithm runs results.
* Testing the unit tests of the project (on the backend).