

Progress Report for Big Data Systems Course Project (Winter, 2023)

I am pleased to provide you with a progress report on the implementation of OSS, ORD, and ORU Skyline operators (Java) project that was proposed for the Big Data Systems course project. The project team consists of Mahmoud Moustafa and Burak Duman.

We are actively building the Java implementation of the Skyline operators using the existing C++ code as a reference as of March 29, 2023. By March 1, 2023, we had finished the first milestone, which involved creating the project proposal. But we recognise that the difficulty of the implementation has put us a little behind schedule. However, we are certain that we can control our schedule to guarantee the project's completion.

We have been working hard to ensure that we adhere to the project plan, and we have made significant progress since the start of the project. We have developed a large part of the Java implementation of the Skyline operators, as per milestone two, and we are currently developing the rest of the project.

As for the next steps, we plan to conduct the demo by April 15, 2023, and submit the short project report by April 22, 2023 – which will mark the completion of the project.

In conclusion, we are committed to the successful completion of the project and ensuring its timely delivery, and we are confident that we can manage the remaining tasks to meet the project's objectives.

Sincerely,

Mahmoud Moustafa and Burak Duman