

The application should follow the SOLID principles. Following the architecture diagrams, displayed in Architecture.pdf, namely project structure diagram and modules diagram, it can be seen, that we use Dependency of Inversion principle, while we clearly divide the responsibilities of different modules and use the CQRS approach, which actually reflects how we distribute responsibilities, as well as follow the principles of SOLID.

In the following Sequence diagram, it can be seen how objects and components interact with each other to complete a process in the application. The focus here is to separate the way of reading and writing data, thus, the actions for receiving and sending data are separate. Moreover, while analyzing the diagram, we can see that there is a clear division not only between the roles in the system, but also between systems – Account Management System and Q&A System.

