

## KBTU Intranet

Presentation layer is what users see when they are not logged in.

Student types in his credentials and it will be sent to server(domain layer) and it will be processed there(at data management layer).

Presentation layer for all users(student, teacher, admin) is the same. After logging on there will be some slight changes in functionality.

Student – have access only for his own data and can't change it.

So the authorized user can see his schedule, marks and etc. All

these operations do the same thing: student see link of schedule for

example(presentation layer), click and information goes to web

server(domain layer) and server finds his schedule according his id from

database(data management layer) then schedule will be displayed(at presentation layer).

Teacher – can't change his own data, but can change marks of his students only during some period of time. Layer is the same as for students.

Admin – has access to all data and can change it. Add new users or can limit time of teachers for putting marks to the system.

**Presentation layer** – everything that users see, interface and etc. Interacts with domain layer.

**Domain layer** – authorizing, and clicking some buttons in order to get some information, in other words interacting with system. Interacts with data management layer.

**Data management layer** – responsible for finding information in your database, like schedule, marks, files and etc.

Actually, it's possible to make intranet in one layer as well as with two layers. But it will be quite difficult for big systems, and there will be a lot of mess 'cause the logic of the system will not be clearly separated from interface and database.