

CS310 Peer Review

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We thoroughly enjoyed Group 5's presentation. They chose a topic that is integral to the lives of DKU students and something they were personally affected by. The DKU Sports Complex is fairly new and thus has a lot of quirks in its operating systems that can be worked out. While the project has the potential to be massive (if implemented in an official manner by University officials), they chose a small part to more thoroughly apply the concepts they learnt in class.

We like their chosen issue and think equipment and space reservation in the gym is a valid and current problem faced by members of our community and maintenance process make the facility use seamless on the backend.

Their motivation and methodology are sound but we feel that they can work on better objectives and be more specific. For example, mention the pain point and then the solution they want to implement.

They need to think out the process within the team before coding it or theorizing triggers. I questioned them on some edge cases and real life examples and it was evident that they had not thought the process through.

A thing to note is that the sports complex is designed in a way that users don't have to check out when leaving. For equipment return, the complex can have automated machines but a human will have to put the equipment back so it is a bit redundant, they should instead have a dedicated reminder trigger for checkout+return time, a warning for 1 hour before return time and then another one once the item has missed being returned.

We feel that this DDL has a lot of potential and would be of interest of DKU administration if they chose to pursue it. Group 5 should, however, be clear amongst themselves about what the optimized processes of the Sports Complex would be like and how they would implement it, to prevent miscommunication in design.