**Overall project report (OOVP)**

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1. **Project overview:**

* This project was made for the OOVP class as the final exam alternative. The requirements were to create one of the many example projects that the students can choose. After very few considerations, we have chosen the Hotel Booking System as the project.

1. **Project’s details:**

* This JAVA project has 4 forms, with each form having its separate functions. The project was created via Netbeans IDE, and MySQL. In the project there are several files, with the most important one being the Database Connection. Those who want to test the project shoooould change its details to the one that is one’s system.
* Starting with the LoginForm, the user (probably the Hotel’s Admin) can login into the system, and make any changes that they need. If I remember the correctly, the username should be ‘admin’ with the password being the same.
* Next up is the RoomTypeForm, where the user can make new rooms with the name as well as the price for the new room. The user can also add a description in which can help the secrectary to tell the customer what the room has and its, well, descripion.
* Following that is the RoomForm, where the user can mark a room as available or not, in order to stop double booking from happening, as well as being able to add a new room whenever one is added to the building.
* And of course, there is the BookingForm, where the user can enter the customer’s details and start the booking process. Not much is to say about this Form because it is well, the heart of the whole project. With the table underneath, the user can see which room is being booked by whom, though it doesn’t help that much, but it lets the user to disperse any uhh complications?
* To make the project work, we have used the SqlConnector, as well as the JCalender, but turns out we can’t figure out.. how to use it so there’s that.
* Other than that, there are nothing that’s worth mentioning, though the project itself was very awkwardly built and tested. So, we hope that nothing goes wrong, as when we tested it, well, nothing went wrong (mostly).

1. **Resources used:**

* To make this project possible, we used a Java project builder that is called Netbeans IDE, which was introduced to us by the teacher/professor of the same class. We also used MySQL to help with the database.
* Please note that there were **some** places in which we have used ChatGPT to help us with, and please don’t worry that we didn’t gain anything from it because we studied our ass off for the presentation that is cancelled for this report I am writing at the moment (this is the same with SSIP).