

**Atli Fannar Franklín
Jón Freyr Bjarnason
Ólafur Einar Ómarsson**

Design Model

- Assignment 3 in HBV 401G, team 8H -

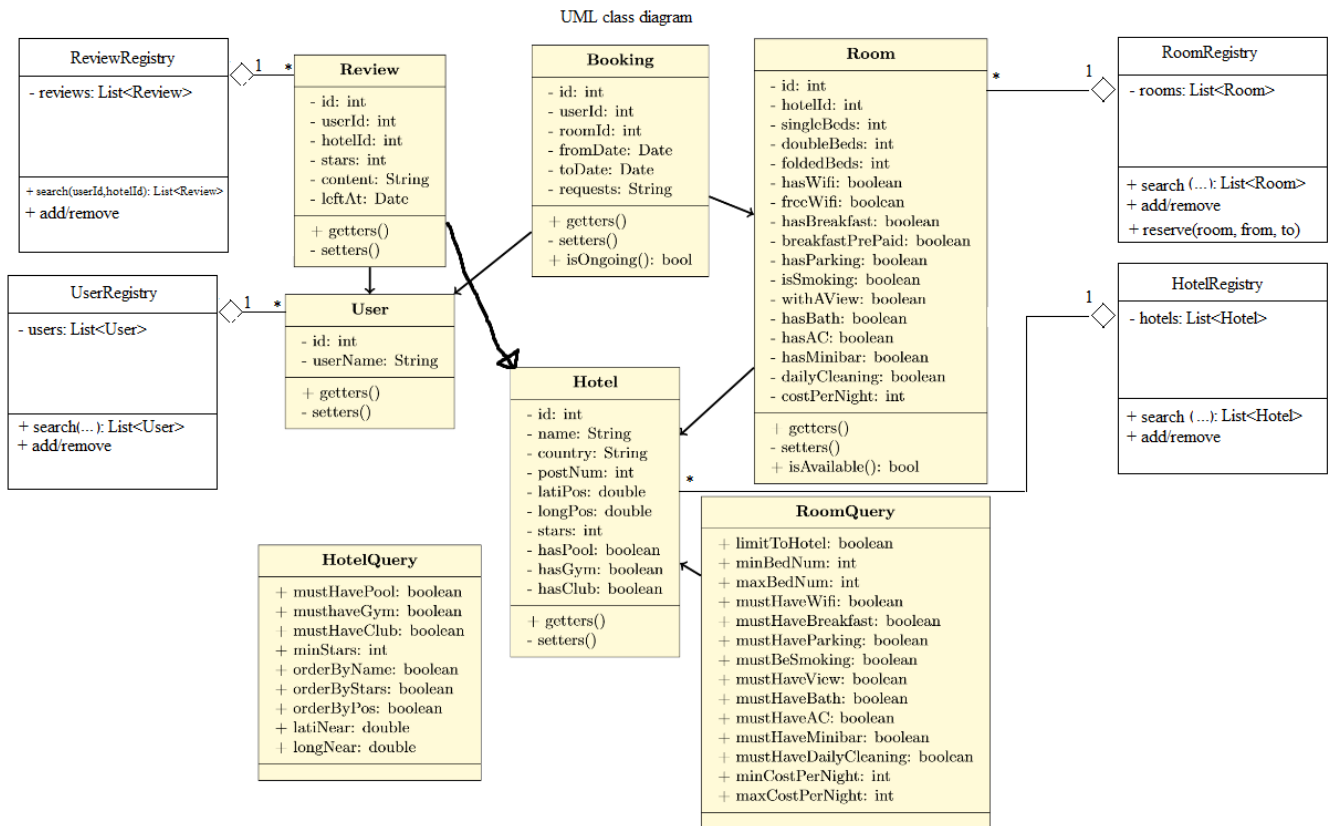
**Supervisor: Matthias Book
March 10. 2019**

1 Introduction

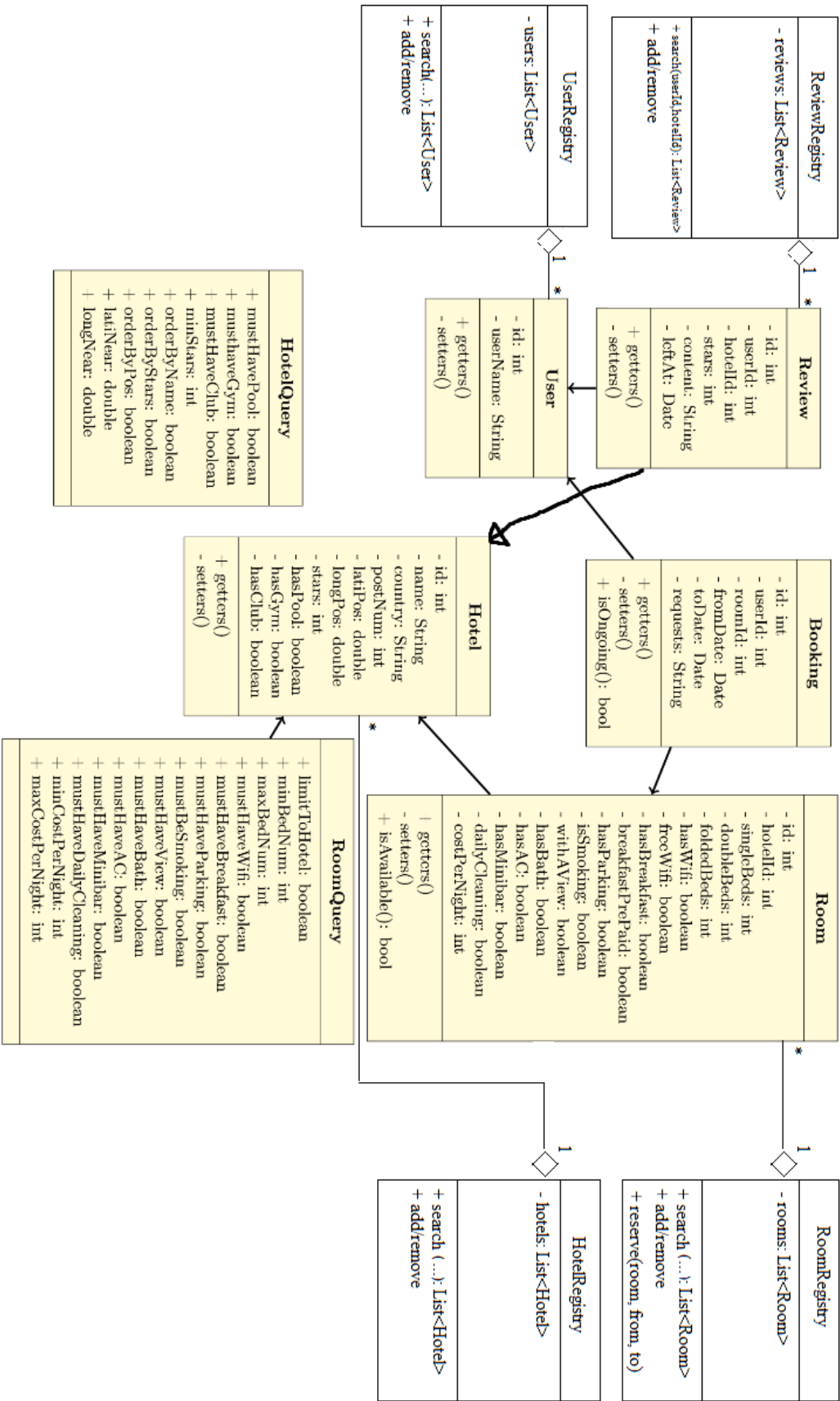
The members of team 8H are: Atli Fannar Franklín kt. 261298-2609, Jón Freyr Bjarnason kt. 050993-2649, and Ólafur Einar Ómarsson kt. 200991-2739. Ólafur will be presenting the assignment in class.

The assignment is divided into two parts: a UML class diagram“ and a UML sequence diagram. Two sequence diagrams will be shown, one for search in our component and one for how our component interfaces with other components in our team cluster.

2 Refined UML class diagram



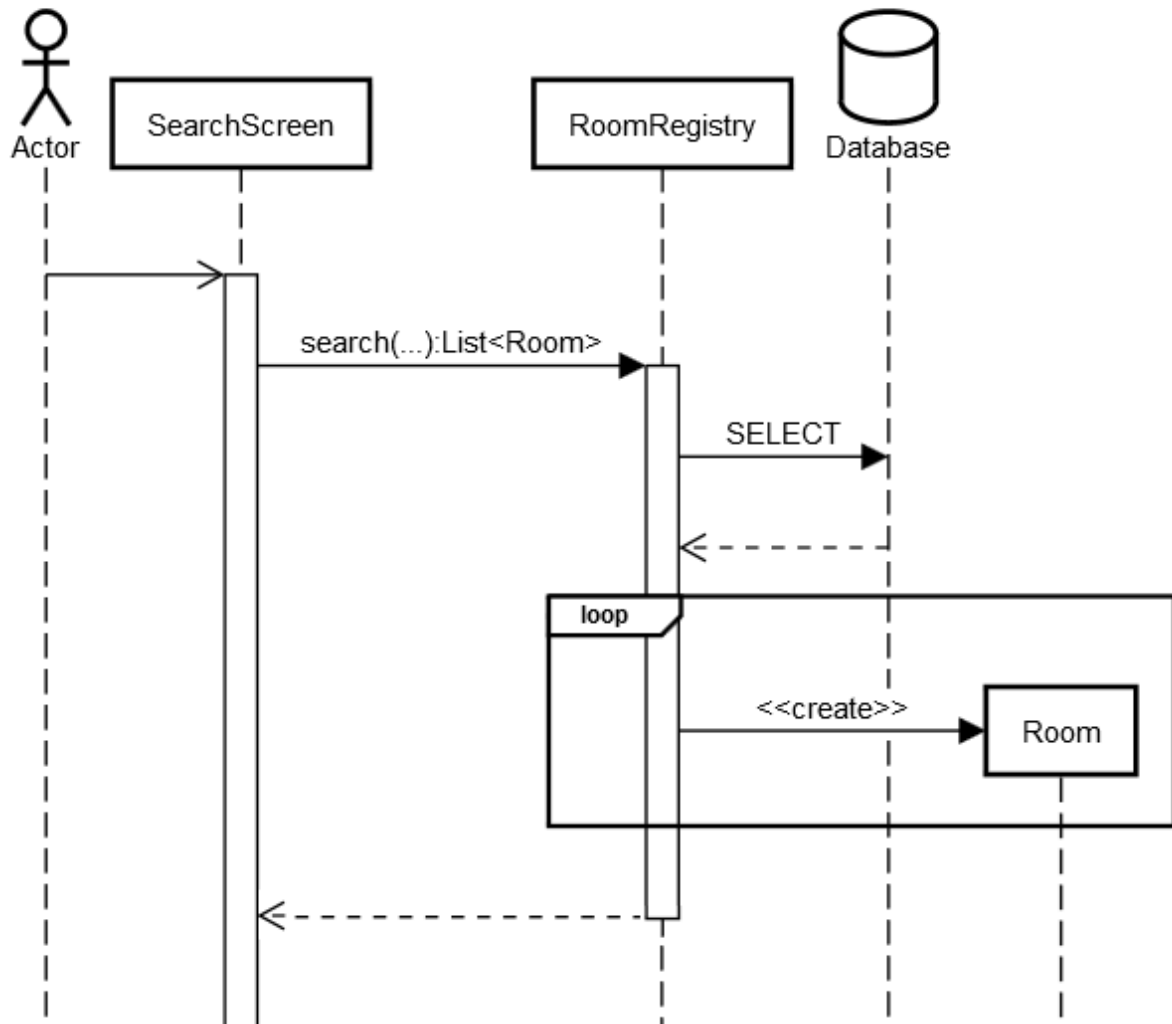
UML class diagram



3 UML sequence diagrams

3.1 Search diagram

Search sequence diagram



3.2 Interface diagram

Interface sequence diagram

