**ABSTRACT**

As the whole world has switched from an offline environment to the online one with the enhancement of technology, it is very much required for our Hostel Room Counseling to be feasible and effortless. In order to achieve that this project tries to do away with all the shortcomings and drawbacks of the offline mode.The proposed project is similar to the online ticket reservation system and deals with both front-end and back-end. By using this webpage any user (student) can easily choose the room type for the next academic session. The most important part is that the user can easily check the room layout which is not in the case of offline mode which usually results into students getting rooms with conflicting interests and choice.The best part of this project is that it enables the user to complete the entire process of room selection in very little time and effort using mobile application for respective platforms.

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**LIST OF SYMBOLS, ABBREVIATIONS AND NOMENCLATURE**

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| **ABBREVIATIONS** | **FULL FORM** |
| Spec. | Specification |
| PHP | Pre Processor Hyper Text |
| ER | Entity Relation |
| CSS | Cascading Style Sheet |