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ABSTRACT

Today in the era of Digitalization, there is growing essence of reducing paper work, maintain security, highly efficient management via efficient user-friendly interface applications and centralized accessibility of the resources to avoid data redundancy, data inconsistency high cost over manual input, manual error and high wastage of papers. Large increase of strength of students enrolling every year lead to the rise in the accommodation further rises the issue of their management.

In the existing time, it is done manually leading to the inconsistency, redundancy and sometime loss of data and important information. The organized way of managing the Hostel may lead to reduction in inconsistency and ease in the way of access the data require for the management.

The **"**Online Hostel Management**"** system is web-based application to provide ease of managing student's accommodation to the hostel efficiently. This project also keeps details of the hostellers and applied students. Students can register their complaints. It maintains the student list for allotment can see the notice and mess menu and can have different logins for warden/hotel assistant, student and chief warden/administration and overall reduction in human effort and inconsistency and increases the comfort level and serves as a step to the digital world

Keywords: No-SQL, Portability, Web-server, Scalable Web, SMTP server, key, documents, collections, grouping, schema, attributes, record, data dependencies, sharding, scaling. data replication, Responsive web, SHA-256, Refactoring, Code-optimization

CONTENTS

DESCRIPTION OF PROJECT

LIST OF ABBREVIATIONS

ABBREVIATIONS		EXPANSION
DFD		**D**ata **F**low **D**iagram
UML		**U**nified **M**odelling **L**anguage
SRS		**S**oftware **R**equirement **S**pecification
PHP	-	**P**HP **H**ypertext **P**reprocessor
CSS	-	**C**ascading **S**tyle **S**heets
JS	-	**J**ava- **S**cript
HTML	-	**H**yper-**T**ext **M**arkup **L**anguage
WWW	-	**W**orld **W**ide **W**eb
NoSQL	-	**N**ot-**O**nly **S**tructured **Q**uery **L**anguage
LAMP	-	**L**inux **A**pache **M**ySQL **P**hp/Python
MEAN	-	**M**ongoDB **E**xpress.js **A**ngular.js **N**ode.js
FDF	-	**F**unction **D**esign **F**ramework
SQL	-	**S**tructured **Q**uery **L**anguage
HTTP		**H**yper**T**ext **T**ransfer **P**rotocol

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