HOTEL MANAGEMENT SYSTEM

SOFTWARE REQUIREMENTS SPECIFICATION

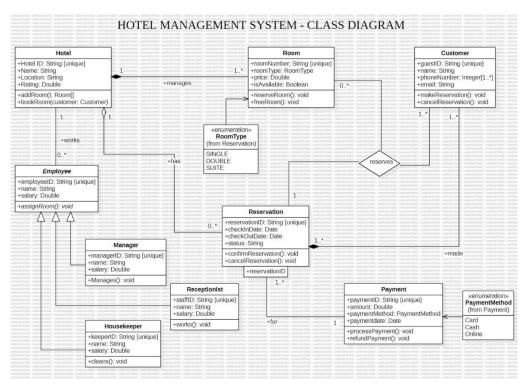
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| LABORATORY: PROGRAMM - 1000001 . | |
| SOFTWARE REQUIREMENTS SPECIFICATION FOR | _ |
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| MUTEL MANAGEMENT SYSTEM | |
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| 1 3 Introduction squar morror bus quality | |
| 1.1 Purpose of this Document: This document | |
| outlines the sequiscements face the Hotel | |
| Management System (HMS) software application | n. |
| Management System (HMS) software application of sources as a guide factorie development that all stake holders | + |
| Team and engreres that all stake holders | - |
| are allowed on the splitting s trust and the | , |
| scope and objectives. | |
| 2.3 Benefit : The Lystern well impense | 0 8 |
| 1.2 Scope of this Document: This document con | 10 |
| of HMS, Including user - Protectional requirement | |
| system features, performance expectations, | |
| and design constraints. It will also prov | orde |
| a Right lowel oceanisien of the persect | |
| Finellite and landgots estimates | |
| a short original has thomsoprome at that was see. | |
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| reservation management, quest check-In ou | 1 |
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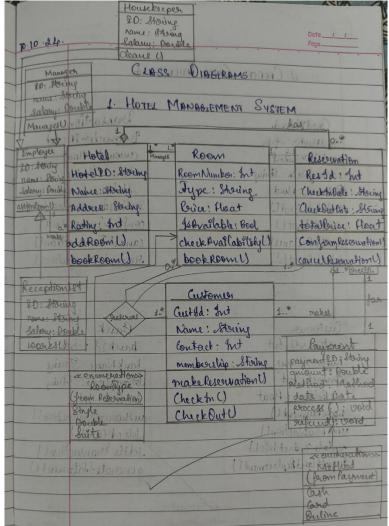
| 2. General descentiption : mattagorals | 1 | C 40 |
|---|-------------|---|
| | 3. | Functional Requirements of anomalist |
| 21 User Objections; The system noftl enable | - | Commone to the summer of the |
| note staff to efficiently manage grown to | 3:1 | Reservation Management |
| hotel staff to efficiently manage orcervations automate check in and check out percentions track and percented | ,— | Reservation Management: The sustain shall |
| torack quest pour pour conces, generate accused | 1 | allow users to covate modify and carred |
| Joseph and access compachangue supposting loss | 1 | Sustained to covered modify and carrel surface confirmation making surveyer |
| Jool Private to | - | suscernation, married for each |
| 2.3 teatwice : homewood with to season it | - | 2) dolinus all sid sel blegate della se |
| ded features : transmost Ent to exaged the | 3.9 | Quest Management: The sustain it is |
| Reservation maracement | - | users to register new quest will the |
| quest Management in 29 20000 18 | - | personal Enjournation |
| 2.3 Benefits: The system well imposure | 11.00 | surrountions The system shall generate surrountion mumbers from each surrountion. Surrountion Linest Management: The system shall allow there to engliste ment great with their personal sufficient on the system shall allow personal sufficient in the system shall allow personal surrountion. Billing and layment: The system shall generate stemized still fair each great. detasting second changes, services and starps. |
| to Repairing and Analytices | 19/19/3/3/ | totlling and Payment: The system shall |
| maitraida hua anna | | generato Premized bells fair each quest |
| 2.3 Benefits: The system well impossed | 1 1 | dotasting soom changes, services and stayes |
| operational efficiency reduce manual enougher valuable project rates faction, and provide valuable projects unto business | SUBJECTIONS | Notice adams of the Area and the decidence |
| engrages en house and it is a till action | 3.4 | Repositing and Paralytics: The rystem shall generate separate on Decupania sinted resemble. and other key performance protectors. |
| percuide valuable presents to be considered. and | | generate soports on Becupancy sister somme. |
| perharmance and area purity | | and other key performence frateators. |
| maker of a Dage +1. It souther a company with the | | . William 14 |
| 24 User Characteristices: The system will be | 4. | Interface Requirements: |
| gilled the a series of Matel of the sail of | | Biland or |
| Tised they a sampe of hotel staff Including | Het | alson-Interface: The user-Pritoglaw shall be |
| succeptiontite, management and house keeping, | | web-based Proturtion, and easy to maxigate, |
| con the the there of Jechnical & | - 6 | nswing a seamless reservence across different devices |
| experies the system should be | | different devices |
| user freedly and institution. | | The A The A or The greatern many |
| each with varying levels of Jechnical exposition therefore the system should be the friendly and intention | A-2 | External System Interface: The system may need to interface with external systems such |
| 149315 | 1 | need to interface with suffering systems |
| | - (| al: Vayment galeways, property they |
| | | need to interplee total selection Management at: Payment gateways, property Management Systems. |
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| 5 Pearfaoimance Registramenthis I landitaries | 9. | Porchminary Schedule and Budget |
| | 1 | Schedule The and Enget |
| 5.1 Response time: should respond to resort requests | 8.1 | Schedule The as in 1 |
| | M | 6 manths healen & 1 estimated to take |
| 5.3 Complete and the Authority of the State | 818 | Schedule The project is estimated to take Budget |
| 5.3 Capacity: Should hardle a large number of concurrent surrountions. 5.3 Availability: Should be highly available. | | |
| 5.3 Avalabel by . Should be 10 like an Stall | 0 | Requirements hathering (asserts) |
| should she higher available | 100 | Design Phase (Imonth) |
| 6.00 Designa Construints: 10 100 100 100 100 100 100 100 100 100 | 2210 | Devactorment phase (3 months) |
| relinimental lovebear | me it who | lesting phase (1 month) |
| 5.1 Dechnology Stack: The dev team may be | + + | Deptoyment and Leaning 2 needs |
| to storic to district a second to the | (NO94, 0) | Persetopment phase (3 months) Pesting phase (3 months) Deptoyment and Jonithy (2 nears) Post deployment support (2 nears) |
| - Marangar Limitations: Dedoughter on the | 8.2 | |
| The state of the s | 11 | Budget: The total estimated laudget is |
| 6.3 Security Complemen . Mill count. ell al | 0000000 | 131,000 hallocated as follows: many |
| and security and pouracy sugular tions | The son | Provide monte authorities & 10 por |
| 7. Non- Functional Adojbular | kins | Requirements gathering: \$10,000 |
| - 2027 office conserver con enter him | 1672.40 | Development Phase : \$ 60,000 |
| 7.1 Security | | Testing Phase: \$ 15,000 |
| a distance transmitted and solve on a | 0 | Deployment and decarring: \$10,000 |
| 1.2 Kedialiting. | 0 | Post-deployment supposit:\$5,000 |
| 7.3 Usabelity | - | Part-deployment supposit: \$5,000 |
| 7.3 Usabelity | menontila | . eserval hun tudase sel liter motival |
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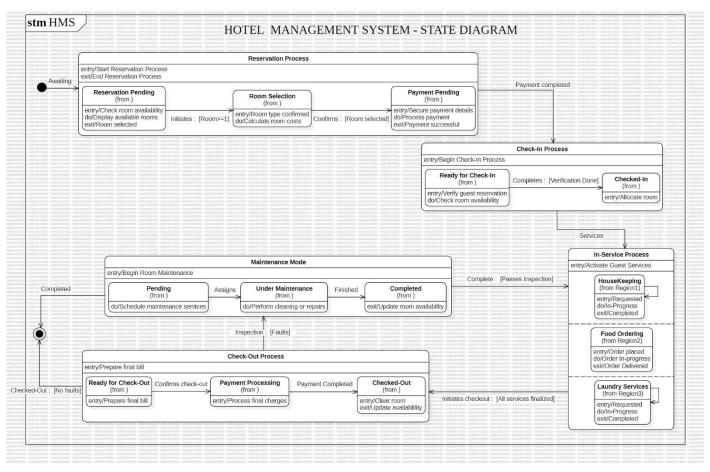
UML DIAGRAMS

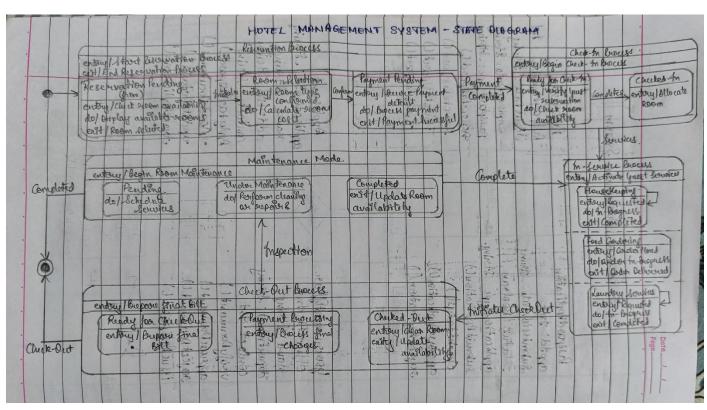
CLASS DIAGRAM



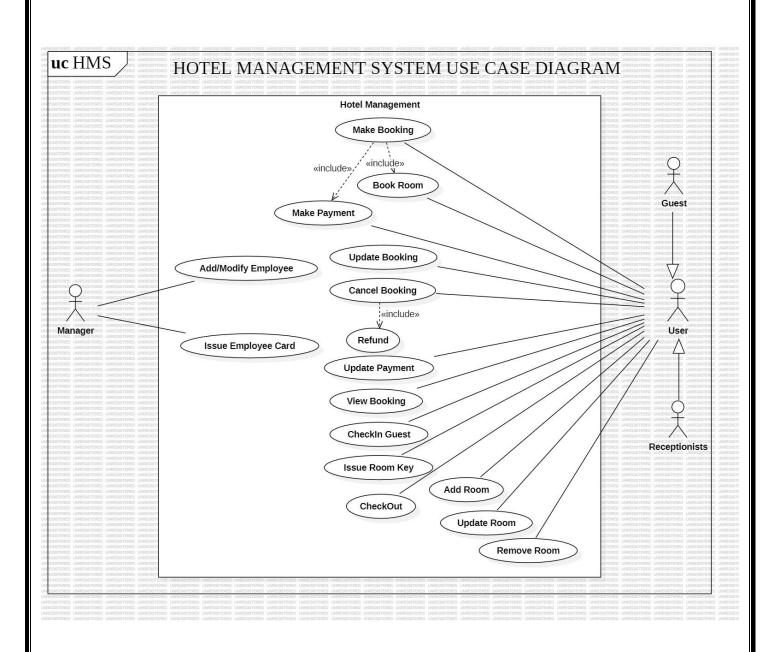


STATE DIAGRAM



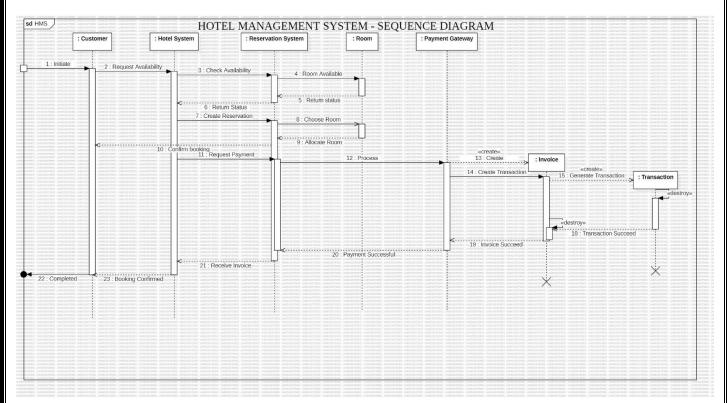


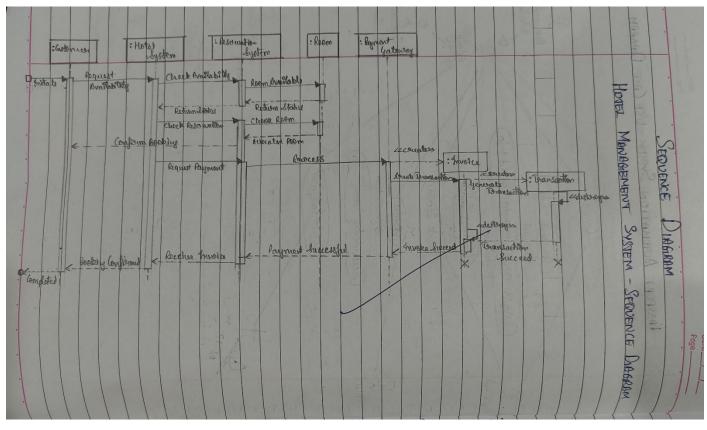
USE CASE DIAGRAM



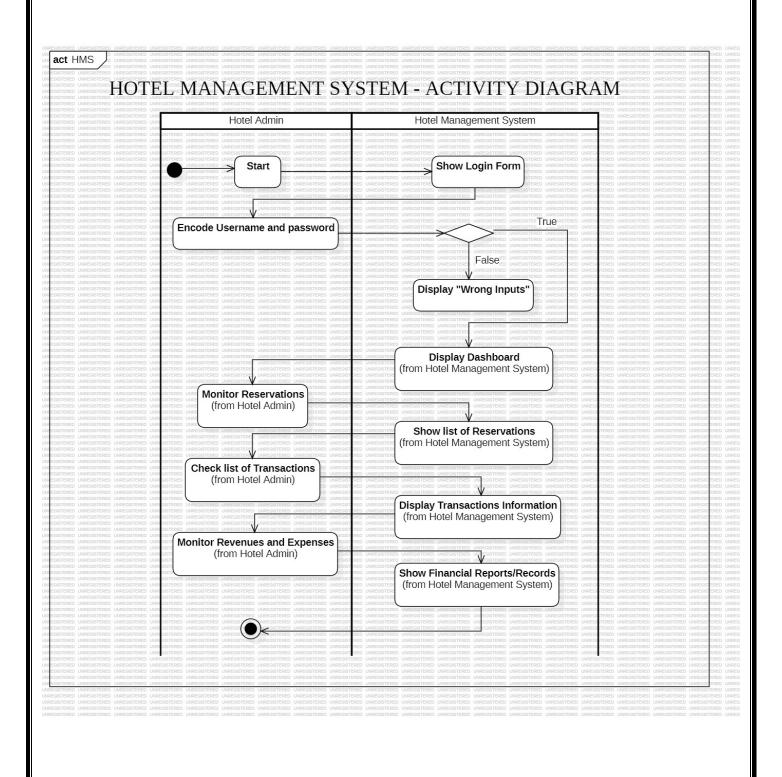
| USE CASE DIAGRAM Page |
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| HOTEL MANAGEMENT SYSTEM - USE COSE DIAGRAM |
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| (Abgate Booking) Just |
| Canal booking |
| Add/Modefy Rohand 1900 |
| Pladate Payment // A |
| Managra Jesus Emplayer View Bookings Card. Chockin Guest Receptionists |
| (Issue Room Key) |
| Check Out AN Room (applate Room) |
| (Remove Room) |
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SEQUENCE DIAGRAM





ACTIVITY DIAGRAM



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