19/08/20	15 Bafna Gold —
Tunday	Date: Page: 01
	Software Requirements Specification (SRS)
	Hotel Management System.
1	Introduction.
	1.1 Purpose
	This document specifics the software orequirements
	for the Hotel Management System. The system
	haill automate hotel operations such as stoom
	booking . check-in/check-out, billing, and
	quest experience.
zath en	manden ar disease matrice with a set of the
	1.2 Document Conventions.
acited by	- Bold for headings and imported terms
	- Bollet points for lists
ETIL 1	- Use of clear, simple language.
	- michaning tripped
	1.3 Intended Audience and Reading Suggestions
	- Developers and testers for implementation
Mary Mary	and validation:
. Janes	- Project managers for planning 4 tracking - Hotel staff and stake holders for understanding
	Capabilities
	- Although and police
1	4 Product Scope
	teme is a nieb-based application disigned.
	to manage hotel regeniations, quest check-1111
	Check-outs, payments, user sioles, and
	reporting.
	Parket Landau at 1

	,
1.T References	
7 - 5 01 d X30 - 5	
Des audelines for payment	Becauch
- GOPR for data protection con	upliance
2. Overall Description.	
21 Product perspective.	
The tems is a standalone web ap	Phication
Integrated with payment gateway and not	tication
Services.	
2.2 Product functions	1:
- User registration and authenti	cation
- Room search and booking	16 15
- Booking modification and and	cuation
- Guest check-in and check-out	
- Payment processing and invoicing	<u> </u>
Report generation.	
2.3 User classes and Characteristics.	
- Almin: Full acress, manages systems - Receptionist: Manages bookings a	nd
quest operations	
· Guest: Searches and books re	oms,
manages profile.	
June Jones Jones Hit	
24 Operating Environment	
- Modern web promers on desktop	bus
Mobile.	
- Cloud or on-premise server	
Man Johnson of Many 186 Sen 105	_
deployment.	



	2.5 Design and Implementation Constraints
	- Secure payment processing (RT Desc. 1.)
	Data energition in transit and it and
All I	- Role-based access control.
	A PORTOCOLOGICA DE LA COMPANIA.
	2.6 User Documentation
	- User manuals and online help
	- Admin and staff training guides.
	00 901005.
	2.7 Assumptions and Dependencies
	- Internet Connection for payment and
	notifications
	- Third-party APIs availability.
	1981 (Promised Publ From F.
3.	Specific Requirements
	3.1 Functional Requirements
	- Secure User registeration and login
	- Role- based acress control.
	- Room availability Search by date, type
	and price.
	- Book - modify and canal resorvations.
	- Check-in and Check-out processing
	- Proces payments and generate oraceipts.
	- Manage voier profiles.
	- Admin reports on backings, nevenue,
	and occupancy.
	- Notifications via email Isms
5	3.2 External Interface Requirements
1	- User-friendly web UI
-	- Payment gatenay integration (Stripe, Pay Pal)
1	- Finail and SMS notification APIS
	the Type year year - stall

=	- Secure HTTPS Communication
	- CORTS
	3.3 System Features add lupdate /d.l.
- b w b	O' MANAGOVIOTA
	7/13/10/01/140
	- Booking Managhment: full booking
	in the second lived
	- User Management: scoles and acces
<u></u>	
	- Payment Processing and Billing
	- Payment Processing - Reporting Dashhoard.
	- Reporting Daswood
	2) Requirements
	3.4 Non-Functional Requirements - Support 100+ Concurrent users
	- Support 100 4 (Great 2 seconds
	- Response time under 2 seconds
	- Data security and changetion
	- 99.9% System uptime
	- Scalable architecture for future
epd	expansion.
	- Intuitive and irresponsive UT
<u>X</u>	And the second s
	4. Appendices
<u> </u>	4.1 Glossany
	- Booking : Reservation of room(s)
	- Check-in: Guest arrival process
_	- check-out: Quest departure and
1	payment finalization
.—	4.9 Luture Enhancements
	- Mobile apps
<u> - Cham 1 .</u>	- Door Lock System integration
	hoyalty programs
	- Multi- languagy Support
	22/