

CN4000-Information System, Design and Modeling

Group Work of -7.3

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Presentation Slides of Group Work for CN4000-Information System, Modeling and Design.

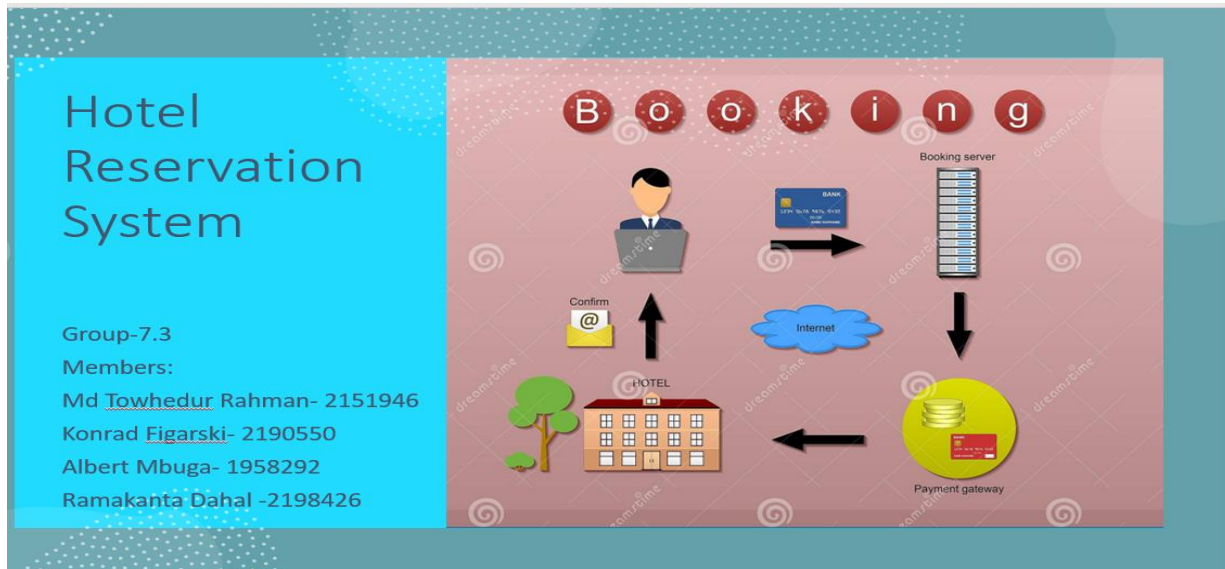
[Watch 'Group 7.3 presentation recording ' | Microsoft Stream](#)



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Introduction

Our group task is to-

Choose a **Hotel Company**.

Identify Current Systems.

Propose a New Booking System for the Hotel Company.

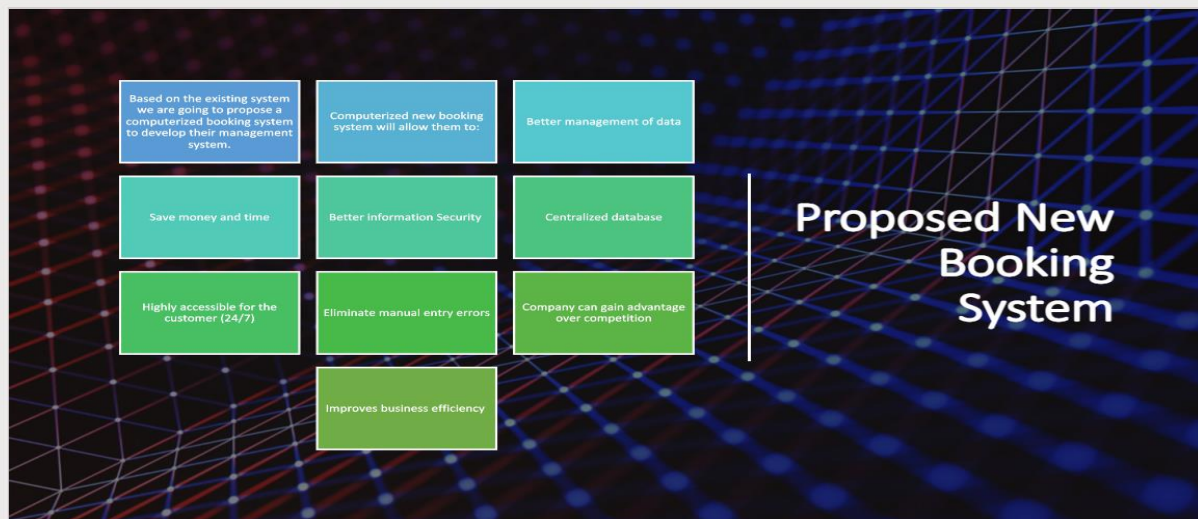
Methodology, Design and Model of the New System.

Security, Social and Ethical Measurement.

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System Development Lifecycle(SDLC)



SDLC is a method for developing, testing, and deploying an information system.



Because a system might be built of hardware solely, software only, or a combination of both.



The systems development life cycle idea applies to a wide range of hardware and software combinations.



In most cases, this cycle has six stages: requirement analysis, design, development and testing, implementation, documentation, and evaluation.

Agile Development Methodology

To develop Britannia Hotel booking system we are going to use Agile development methodology.

Agile software development is a software engineering conceptual framework that emphasizes the agile technique throughout the project life cycle.

Agile software development characteristics:

Light weight methodology

Small to medium sized teams

Vague and changing requirements

Simple design

Security measurements will be taken



Authentication e.g., two factor authentication or biometrics

Encryption

Regular backup

Anti-malware and anti-virus software

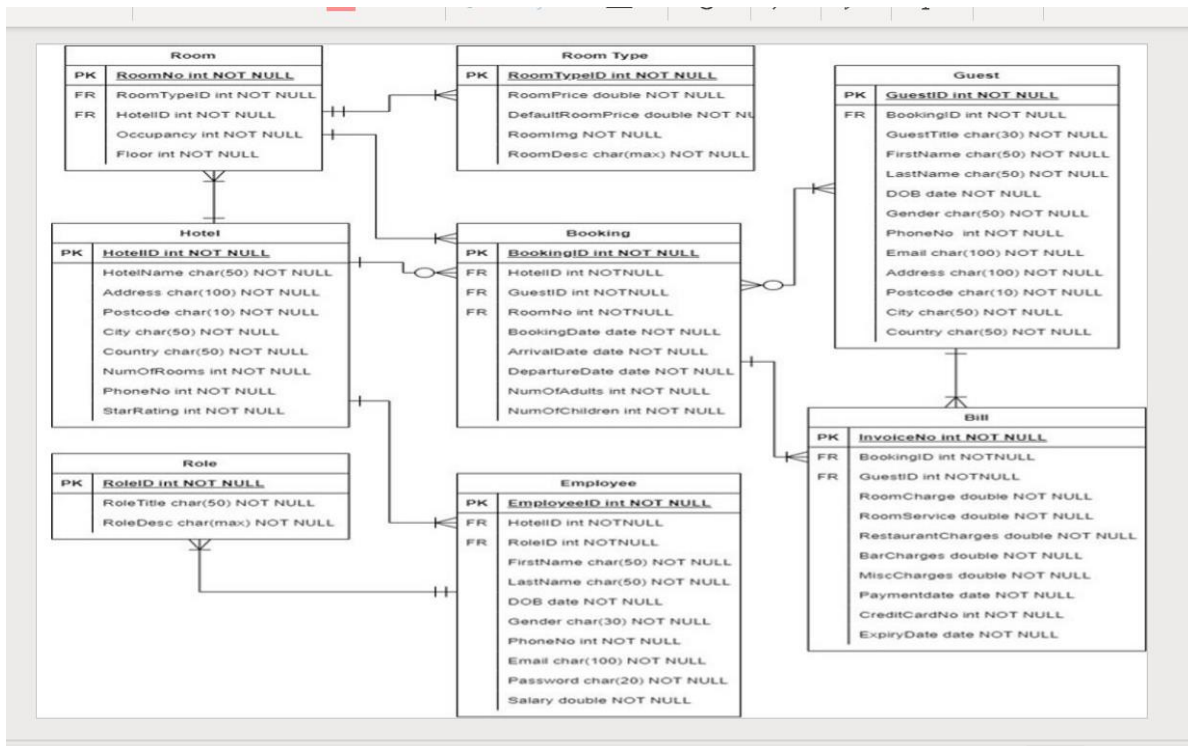
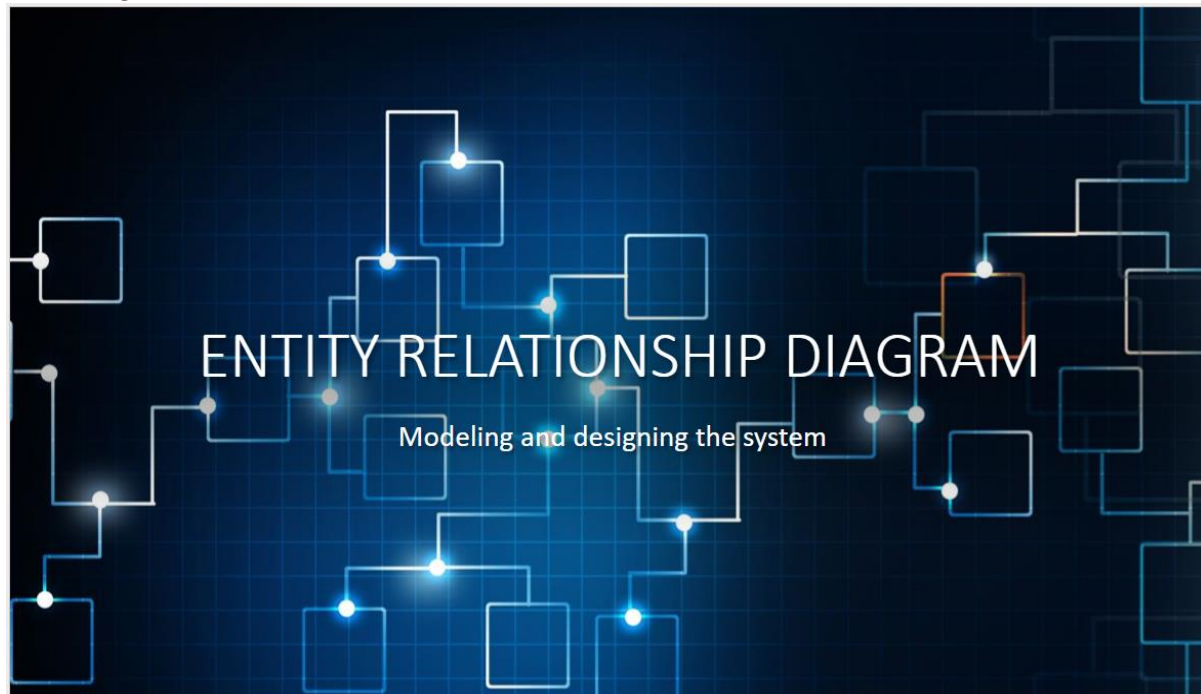
Data loss prevention (DLP) software that classifies data, monitors, and controls the flow of data, identifies violation of policies, enforces remediation, creates reports.

Employee education e.g., training employees on importance of data security, general tips like strong password generation and how to handle suspicious emails.

Social, Ethical, and Legal Issues.

Data ethics is important because there must be a universal framework for what companies can and cannot do with the data they collect from people.

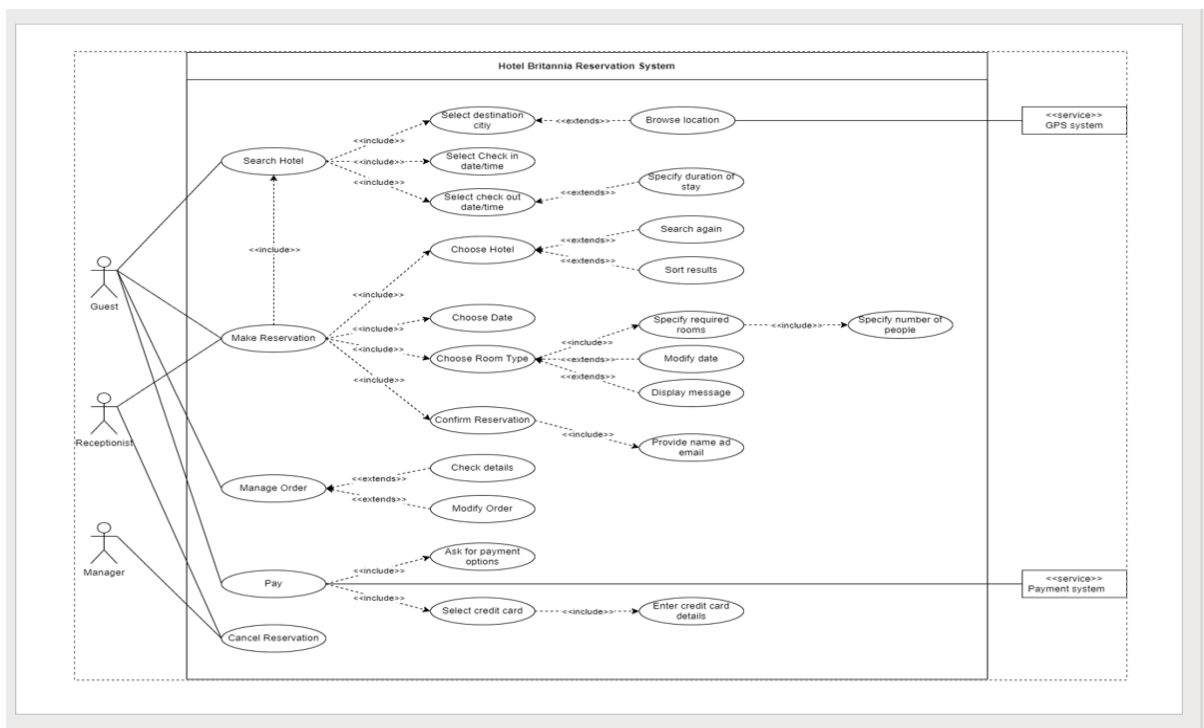
- Privacy and data protection
- Cyber security and Liability
- Breach related obligations
- Data sharing obligations and agreements
- Anonymisation and pseudonymisation
- Trust, surveillance and free will
- Discrimination
- Transparency, consent, control, and personal data ownership



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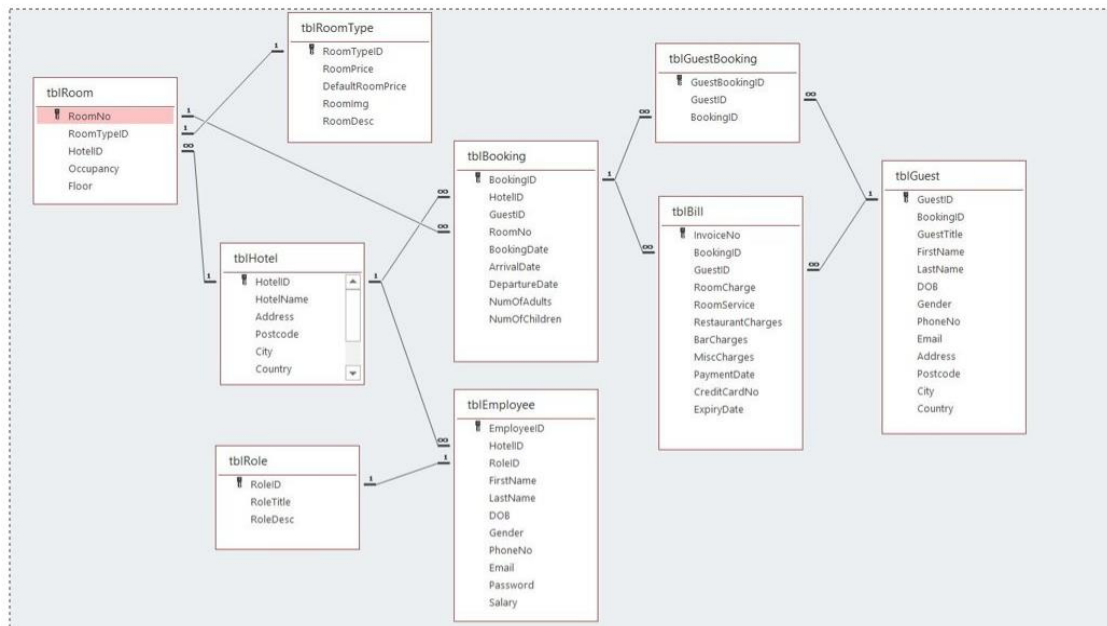
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Thank you for your
patience

Report on Group Work-G.7.3

Topic: Online Hotel Room Booking System in Hotel Britannia.

By-

Md Towhedur Rahman- 2151946

Konrad Figarski- 2190550

Albert Mbuga-1958292

Ramakanta Dahal-2198426

Acknowledgement:

We would like to thank our Module Leader **Mr. Arish Siddiqui** for giving us the opportunity to complete such an interesting topic and acquire some knowledge from the module “**Information System, Design and Modeling**”. At the same time, we would like to thank our tutor **Mr. Madhav** for supporting us every week in the tutorial to learn new things related to our topic. We would like to thank our group members for their participation by giving their best to complete the work successfully.

Introduction:

The task assigned for our group is to select a Hotel Company, identify and analyze the existing system and proposed a new system to improve the activities of the company. Our group has selected “**Hotel Britannia**” suggest improvements to make the existing system more efficient and useful for the company as well as customers.

Hotel Britannia is a UK-based chain with over 60 hotels across the country. Britannia can be found in prime cities, near major airports, in coastal, beach-front towns and as well as countryside across the UK which is perfect for families, leisure and business.

Aim of the Group Task:

- The aim and objective were the task to propose and successfully develop an updated “Online Hotel Booking System” at Hotel Britannia to accomplish the demand of their customers and the company.
- To provide a complete organizational and reliable system with least possibility of any errors.
- To view the information regarding room’s availability, executive should login with their unique ID.

Existing Booking System:

Information gathered from several sources we found that Hotel Britannia has a manual booking system, so the hotel needed a computerized online booking system.

Down-sides of the existing booking system:

In the existing system all the booking of rooms in a hotel are done manually, so it is more time taking for an executive and customer to book, search rooms and collect payment in hotel.

The downside of the system that are mentioned below:

- Manual record keeping is not consistent as some errors can creep in while writing manually.

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- It is difficult to keep record of room availability and large number of customers.
- More labour and time is required in this current system.
- Managing room availability in order is difficult.
- Collecting payment is difficult.
- Inaccuracy of records.
- No central database can be created as information is not available in database.
- More funds and paper are wasted to keep the manual record of available rooms and customers.

Proposed New System:

The proposed new system that will handle and manage the activities involved **Hotel Britannia** in an efficient and reliable way. It will help the executive to do their work in simple way without any trouble. Based on the drawbacks and shortcomings identified in the existing system, our group would like to provide” **Computerized Online Hotel Booking System**” for the better management of **Hotel Britannia**.

Computerized Online Hotel Booking System:

In the newly proposed system by removing the problems were identified providing a fully automated system in which the users will be having lots of advantages as mentioned below:

- Better management of data.
- Highly accessible for customers.
- No funds or money is wasted in paper works neither we must use so much manpower though it is a web- based application all the data goes directly to database, and we can retrieve data according to our choice.
- All details will be available at one click
- To avoid chaos in registration of a new customer can directly get their login details on to their e-mail id.
- The computerized system will be 24*7_accessible from anywhere and at any time. So, the customers can reach the system very easily.

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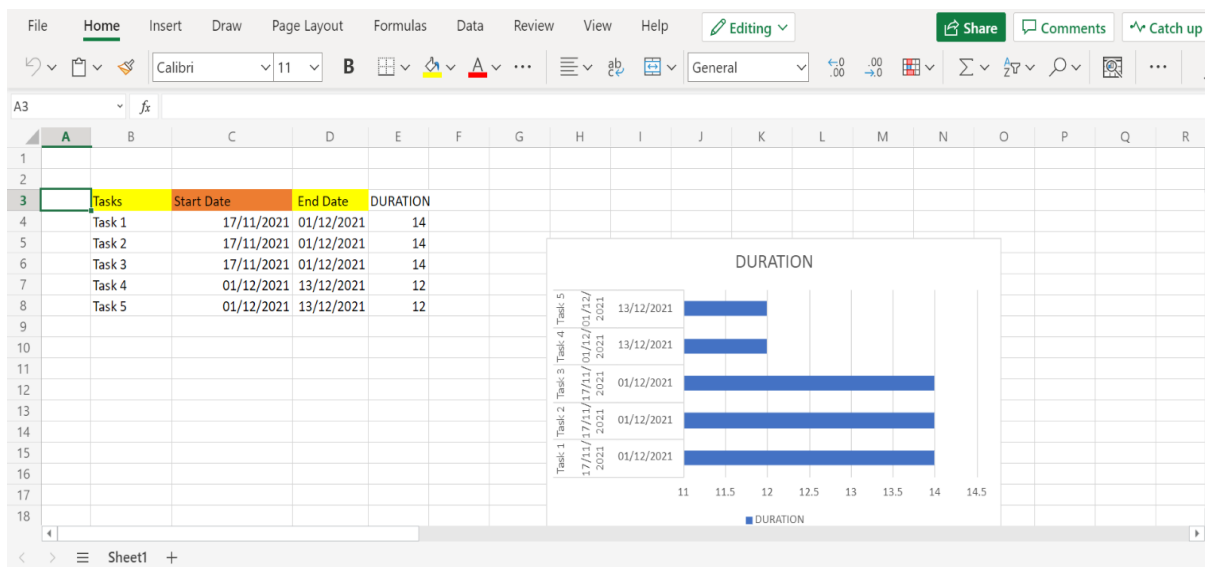
Ramakanta Dahal-

- The customer's and room's details will be managed through the computerized based system thus making it highly reliable for the hotel.
- Payment will be collected online while booking rooms, but if some due is there then it can be collected either by cash or card at the time of check-out of customer and invoice is provided.
- Executive can view each and every report of the customer just by going through the system which will save his time as the database is centralized now.
- The computer database will maintain customers and rooms records which will be highly beneficial for the executive. If executive updates any field, it would notify at other places as all data is fetched through a centralized server only. This will add to the reliability and access of the data.

Task Allocation:

- Md Towhedur Rahman (2151946)- Introduction,
- Konrad Figarski ()- Design Methodology,
- Ramakanta Dahal ()- Social, Legal and Ethical Measurements.
- Albert Mbuga ()-Entity and Data Modelling

Gantt Chart:



Methodology:

A proper selection of the methodology is important for the proposed Online Hotel Booking System. The method will be used to develop the system is the System Development Life Cycle (SDLC) and Agile Methodology.

Purpose of Methodology: -

- It will provide with a framework for planning the project.
- The quality of a software development effort will be improved by using selected process techniques.
- It will help in software development with less errors and therefore, provide shorter delivery times and better value.

Benefit of Methodology: -

Methodology helps in giving direction, it saves time, and it improves the quality of deliverables.

By using the methodology, we can:

- Create roadmap of a project.
- Monitor quality and time.
- Minimize risks and issues.
- Manage staff and suppliers.

Structured Systems Analysis and Design Method (SSDM):

SSADM is a mechanism for dealing with system design information. It is an older system that was built for largescale projects. SSADM has usually been used to design medium and large systems. From the first design concept to the actual physical design of the application,

SSADM employs a combination of text and diagrams across the whole life cycle of a system design.

Benefits of Using SSADM:

The SDLC process includes project identification and selection, project introduction and planning, analysis, design, implementation, and maintenance.

- SSADM will reduce the error rate and risk by checking the system.
- SSADM is less expensive and time-consuming as compared to other methodology.
- SSADM separates the logical and the physical systems design. So, the system does not have to be implemented again with new hard -or software.
- SSADM does not require incredibly unique skills and can easily be taught to the staff.
- The system model will be developed, and a comprehensive demand analysis is carried out by the help of SSADM.
- SSADM will improve the overall productivity of the specific project and the company.

Agile Methodology:

Agile practises in software development include requirements discovery and solution improvement through collaboration between self-organizing and cross-functional teams and their customers/end users, adaptive planning, evolutionary development, early delivery, continuous improvement, and flexible responses to changes in requirements, capacity, and understanding of the problems to be solved.

Agile methodology characteristics:

- Outlining the requirements, planning, design, building, testing, and delivery were all part of traditional software development. In contrast, agile methodology aims to release the first increment in a few weeks and the full piece of software in a few months.
- Face-to-face meetings bring agile teams inside the company together daily at every level of the project. Even when conditions change, this teamwork and communication guarantee that the project continues track.
- Instead of waiting until the delivery stage to assess performance, Agile teams monitor the development process's success and speed on a regular basis. After each increment is delivered, the velocity is measured.

- Self-organization is a feature of agile teams and personnel. Rather than following a set of rules devised by management in order to get the desired outcome, they comprehend the objectives and design their own course to achieve them.

Benefits of using Agile Methodology:

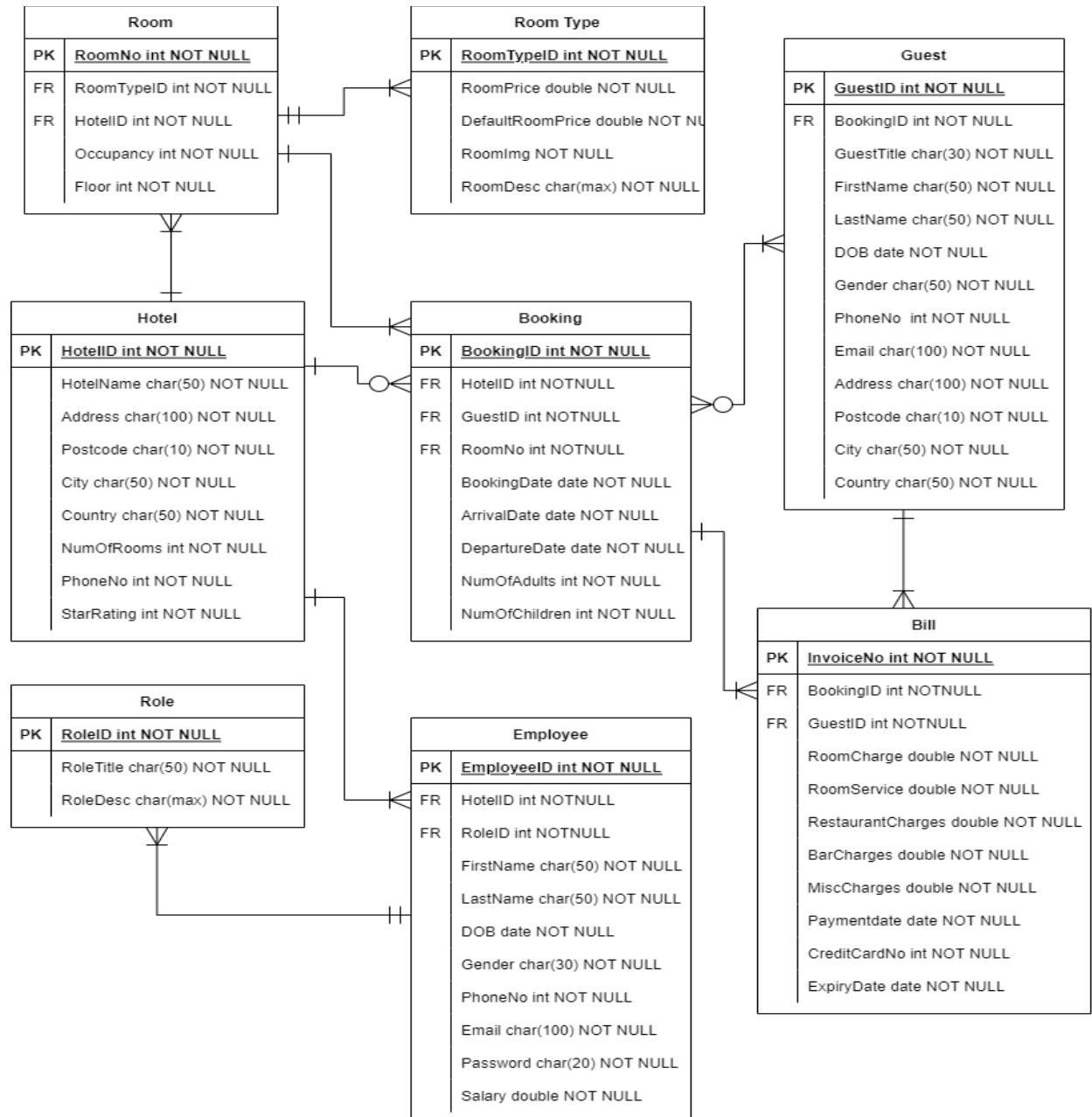
Agile advantages are directly related to its quicker, lighter, and more involved attitude. In a nutshell, the process ensures that the consumer gets what they want, when they want it. There is far less time spent growing in the incorrect direction, and the entire system responds to changes much faster.

- One of the most significant advantages of Agile Methodology is its speed. A shorter software development life cycle means that there is less time between paying and receiving payment. As a result, the company will be more lucrative.
- The project stays on track and in touch with customer demands at every level by including the client in more than just the requirements and delivery phases. Between the time we complete the task and the time the client proposes adjustments, there will be less backtracking and "going out on a limb" time.
- Customers do not have to wait months for exactly what they don't want with Agile. Rather, they receive quick iterations of something that is extremely near to what they desire. The system adapts swiftly to changes in the overall environment in order to enhance the effective client solution.

Data Modelling and Design:

ENTITY RELATIONSHIP DIAGRAM:

The screen capture below of the entity relation diagram for the proposed Hotel Britannia booking system.



Entity - An entity is something, real or abstract, about which we store information.

Attributes - Attributes is a property of an entity or a relationship type.

Listed below are the entities and their attributes that we decided for the proposed system:

1. Room

- Room Number: Primary key
- Room Type ID: Foreign key
- Hotel ID: Foreign key
- Occupancy
- Floor

2. Hotel

- Hotel ID: Primary key
- Hotel Name
- Address
- Postcode
- City
- Country
- Number Of Rooms
- Phone Number
- Star Rating

3. Role

- Role ID: Primary key
- Role Title
- Role Description

4. Room Type

- Room Type ID: Primary key
- Room Price
- Default Room Price
- Rooming
- Room Description

5. Booking

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- Booking ID: Primary key
- Hotel ID: Foreign key
- Guest ID: Foreign key
- Room Number: Foreign key
- Booking date
- Arrival Date
- Departure Date
- Number Of Adults
- Number Of Children

6. Employee

- Employee ID: Primary key
- Hotel ID: Foreign key
- Role ID: Foreign key
- First Name
- Last Name
- Date Of Birth
- Gender
- Phone Number
- Email
- Password
- Salary

7. Guest

- Guest ID: Primary key
- Booking ID: Foreign key
- Guest Title
- First Name
- Last Name
- Date Of Birth

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- Gender
- Phone Number
- Email
- Address
- Postcode
- City
- Country

8. Bill

- Invoice Number: Primary key
- Booking Number: Foreign key
- Guest ID: Foreign key
- Room Charge
- Room Service
- Restaurant Charges
- Bar Charges
- Misc Charges
- Payment Date
- Credit Card Number
- Expiry Date

Relationships

A relationship is an association that exists among entities. Our system has the following relationships between its entities:

- One and only one room can have one or many room types
- One room can have one or many Bookings
- One hotel can have one or many rooms
- One hotel can have zero or many bookings
- One hotel can have one or many employees

- One booking can have one or many bills
- One and only one employee can have one or many roles
- One or many guests can have zero or many bookings
- One guest can have one or many bills

UseCase Diagram:

A **use case diagram** is a system modelling diagram that sets out all the actors, use cases, the relationships between them and sets the boundaries of the system to be built.

An **actor** is a user or another system that will interact with the system. An actor may be a human, physical devices or other information systems.

A **use case** is an external view of the system that represents some functionality of the system (an action the user might perform). It is a description of how a process will be carried out in a system.

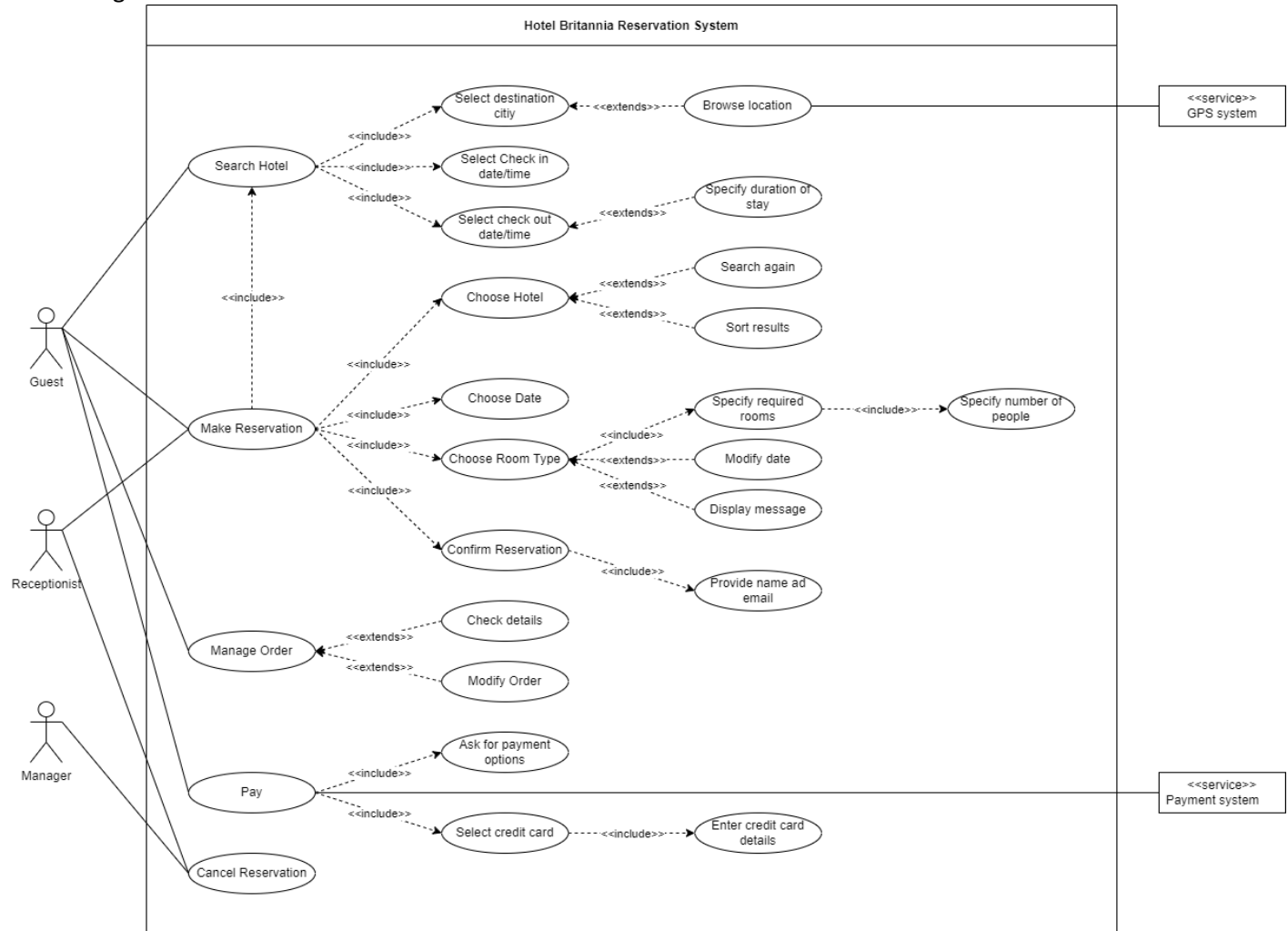
The **system boundary** defines the scope of the system.

The screen capture below is of the use case diagram for the proposed Hotel Britannia booking system.

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Listed below are the actors and use cases of the proposed Hotel Britannia booking system:

Actors

- Guest
- Receptionist
- Manager
- GPS system
- Payment system

Use cases

- Search hotel
- Select destination city

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- Browse location
- Select check in date/time
- Select check out date/time
- Select duration of stay
- Make reservation
- Choose hotel
- Search again
- Sort results
- Choose date
- Choose room type
- Specify required rooms
- Specify number of people
- Modify date
- Display message
- Confirm reservation
- Provide name and email
- Manage order
- Check details
- Modify order
- Pay
- Ask for payment options
- Select credit card
- Enter payment details
- Cancel reservation

Database:

A database is a collection of related information stored in an organised way so that specific items can be selected and retrieved quickly.

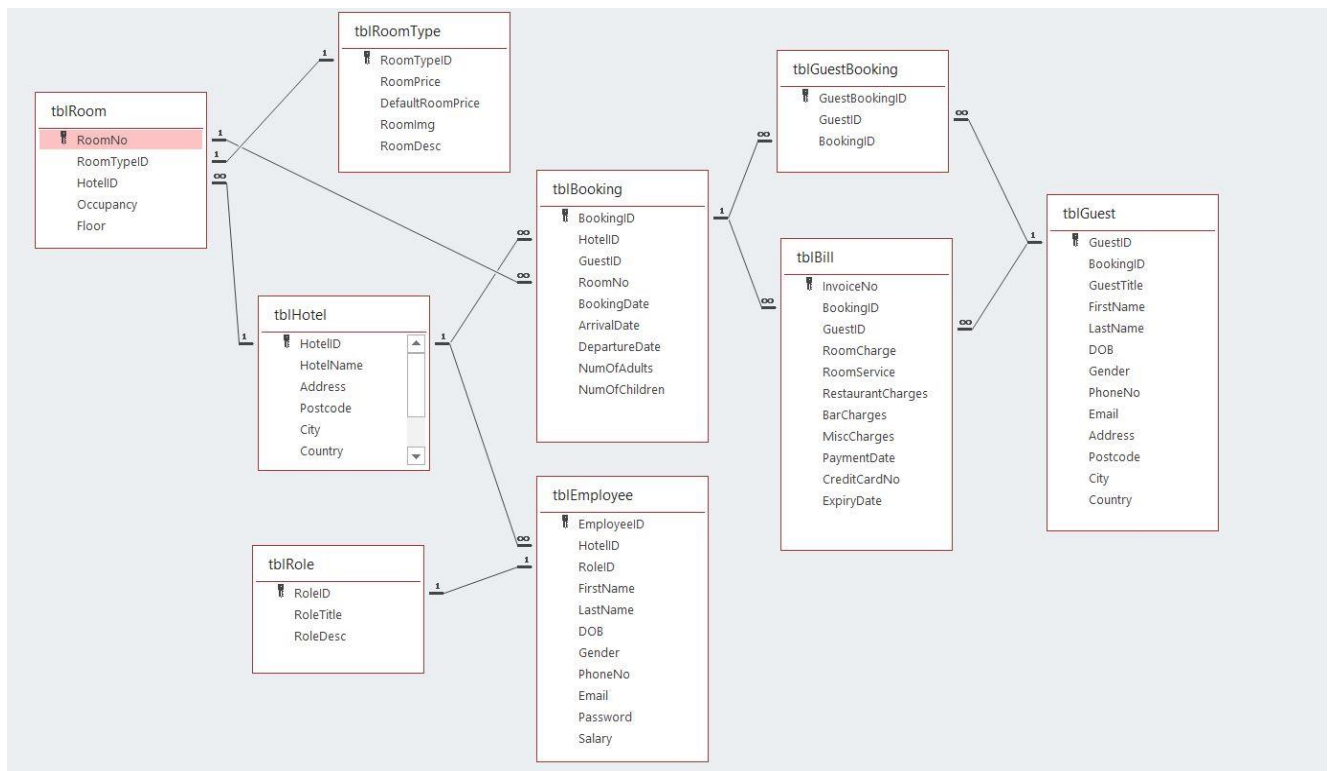
The screen capture below is of the database for the proposed Hotel Britannia booking system.

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The screen captures below are of the tables of the system database showing the primary keys, foreign keys and data types.

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tblRole	
Field Name	Data Type
RoleID	AutoNumber
RoleTitle	Short Text
RoleDesc	Long Text

tblHotel	
Field Name	Data Type
HotelID	AutoNumber
HotelName	Short Text
Address	Short Text
Postcode	Short Text
City	Short Text
Country	Short Text
NumOfRooms	Number
PhoneNo	Number
StarRating	Number

tblGuestBooking	
Field Name	Data Type
GuestBookingID	AutoNumber
GuestID	Number
BookingID	Number

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tblGuest		
	Field Name	Data Type
	GuestID	AutoNumber
	BookingID	Number
	GuestTitle	Short Text
	FirstName	Short Text
	LastName	Short Text
	DOB	Date/Time
	Gender	Short Text
	PhoneNo	Number
	Email	Short Text
	Address	Short Text
	Postcode	Short Text
	City	Short Text
	Country	Short Text

tblEmployee		
	Field Name	Data Type
	EmployeeID	AutoNumber
	HotelID	Number
	RoleID	Number
	FirstName	Short Text
	LastName	Short Text
	DOB	Date/Time
	Gender	Short Text
	PhoneNo	Number
	Email	Short Text
	Password	Short Text
	Salary	Currency

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tblBooking		
	Field Name	Data Type
	BookingID	AutoNumber
	HotelID	Number
	GuestID	Number
	RoomNo	Number
	BookingDate	Date/Time
	ArrivalDate	Date/Time
	DepartureDate	Date/Time
	NumOfAdults	Number
	NumOfChildren	Number

tblBill		
	Field Name	Data Type
	InvoiceNo	AutoNumber
	BookingID	Number
	GuestID	Number
	RoomCharge	Currency
	RoomService	Currency
	RestaurantCharges	Currency
	BarCharges	Currency
	MiscCharges	Currency
	PaymentDate	Date/Time
	CreditCardNo	Number
	ExpiryDate	Date/Time

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tblRoomType		
	Field Name	Data Type
	RoomTypeID	AutoNumber
	RoomPrice	Currency
	DefaultRoomPrice	Currency
	RoomImg	OLE Object
	RoomDesc	Long Text

tblRoom		
	Field Name	Data Type
	RoomNo	AutoNumber
	RoomTypeID	Number
	HotelID	Number
	Occupancy	Number
	Floor	Number

Social, Legal and Ethical Measurements:

As the data are the most valuable assets of the organization. Data are the facts and statistics collected for reference or analysis. Every information collected from the part of customer in the hotels are the data and hospitality industry have one of the highest numbers of security breaches. A lot of sensitive customer data is processed daily, including names, address, and credit card details thus there should be a proper security measurement to protect the database.

So, to safeguard the data information from the hotel system we have gone through distinct methods to measure the data of the Britannia hotel. Some of the highlighted security measures are listed below,

- Authentication e.g., two factor authentication or biometrics
- Encryption
- Regular backup
- Anti-malware and anti-virus software
- Data loss prevention (DLP) software that classifies data, monitors, and controls the flow of data, identifies violation of policies, enforces remediation, creates reports.
- Employee education e.g., training employees on importance of data security, general tips like strong password generation and how to handle suspicious email.

After doing the collective research on the data policies, database management system and overall data securing process in Britannia we have listed out some of the important assets that can be the better safeguards for the issues related to the social, ethical, and legal issues so that we can overcome the problems seen in the hotel. We can make the data and database much more secure and relevant by generalising the aspects of the different issues with the aspect of the measurement that we have preferred for the security measurements.

Some of the social, legal, and ethical issues which are associated with the safeguards of the data are highlighted below,

- Privacy and data protection
- Cyber security and Liability
- Breach related obligations

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- Data sharing obligations and agreements
- Anonymisation and pseudonymisation
- Trust, surveillance and free will
- Discrimination
- Transparency, consent, control, and personal data ownership

Conclusion:

We will endeavour to eliminate all the problems that exist in the current manual hotel room booking system with the new technology. In the manual system, executives and customers have difficulty finding available rooms in the hotel, however in the present system, they can simply obtain the information with a single click. Calculating payments will be simple under

this system, and the best part is that a single person (Executive) will be able to manage the entire system without any issues, lowering labour costs. This approach will be time efficient and accurate, and the executive will not have to worry about any errors that may occur in the manual system.

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<https://app.diagrams.net/> to produce the Entity relationship diagram and the Use case diagram.

Microsoft Access to produce the Hotel booking database.

Evaluation of Group Work

Md Towhedur Rahman

Student No-2151946

Our class was separated into subgroups for the course work. I was fortunate enough to be included in a group of excellent members. Working with a group for the first time was enjoyable for me. I knew everyone in my group from the start of orientation, which made it much easier for me to communicate with them.

The responsibilities were distributed among the members of the group, it became easier to analyze every part of the work. All the members managed to do their tasks on time although there were some disagreements among the members. All the members decided to do the general research step by step, learning its separate parts, and then analyzing the work as a whole and it was even easier to complete the work.

The process of learning would have been incomplete without group work. Such activity developed my communicative skills, teaches me how to express myself clearly and understand others better and developed a sense of responsibility in every of the members. Everyone was not only doing their task, but also contributing to the group work.

The aim of our group was to complete and achieve better success for our group work.

The quality of our relationship between group members was a major factor in the overall success of the group. We had chosen the time in the library and knowledge dock after our lab sessions and online after Mondays Q & A sessions. In every meeting we discussed each member's work to identify the good part and poor part and agreed on a common decision. We

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kept minutes of our face to face and online meetings and acted according to our meeting decision and followed by Gantt chart. Although we have faced some time management difficulties because of sickness and a different work schedule but we considered within the group and came to an agreement by setting alternatives to success our group work.

The hardest part for me of being a shadow group leader is to maintain team harmony. I have tried my best to step out from my own comfort zone and considered finishing our work without any disruptions.

My Evaluation

Student ID 2190550

Konrad Figarski

Working on this project was an interesting experience for me. While doing my research I learnt many new things about system development lifecycle. My group had many meetings which were held in person and online. We were consistent in our job, and this led during our tasks.

When I started the first part of assignment, I was confused and not sure if we would do it correctly, but thanks to my group we were able to finish every task. I have done research on question 2 as well as hotel companies which need a new IT system. During my research I have read many articles and tutorial slides about system development cycle. Finally, we have decided to use an agile methodology to develop new IT systems.

Those are articles I have used during my research:

www.wikipedia.org/wiki/Systems_development_life_cycle

www.wikipedia.org/wiki/Agile_software_development

www.stackify.com/agile-methodology/

Evaluation of

Ramakanta Dahal

Student Nr-2198426

Doing a project at a university was a new and exciting experience for me. While working on this project, I had a lot of new experiences. In the past, we have had a variety of meetings. We assist each other with task correction.

When I first started the assignment, I only knew a tiny bit about it, but thanks to this group work, I have done researched throughout the question and learned a lot from tutorial slides as well as from my group members without their support it was more challenging for me as well.

As a part of my topic during research and collecting idea based on question number 3, I collected the mandatory information based on the security of data and its measurement to safeguard the data from distinct types of consent and the social, ethical, and legal issues related to them.

Evaluation of my work

Albert Mbuga

Student ID: 1958292

Working on this project with my group members was an enjoyable experience. All members of our group were allocated tasks for completion. The task I was given was to produce the modelling and design of the hotel booking system for Hotel Britannia.

At the beginning, I thought the task of modelling and designing the proposed system to be daunting, and I thought there would be several disagreements with my group members.

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However, after thorough research and revision of the module slides concerning Information System modelling and design, I was able to gain a better understanding of the subject. Additionally, my group members were satisfied with the system design that I produced.

I used the following tools:

- <https://app.diagrams.net/> to produce the Entity relationship diagram and the Use case diagram.
- Microsoft Access to produce the Hotel booking database.

Minutes of Our Group Meetings:

- **Handout date: 18-Oct-2021**
- **Presentation: 07- Dec-2021(Week-11)**
- **Submission date: 16-Dec-2021**
- **Submission instructions**
 - All group member ID's to be included on the first page of assignment.
 - All pages to be numbered sequentially.
 - Turnitin submission requirement- Yes
 - On-line submission.
 - Soft copy not required.
 - Both individual and group work aspects for the assignment, the work should be submitted as: Consolidated single document.
- **Learning outcomes assessed by this assignment: 1-8 in the Module Spec.**
- Assessment should be attempted in groups of 4 students.
- You are required to submit with your Assignment a statement signed by each member of the group stating that you have all participated and that the mark awarded should be shared equally.
- The original of this agreement goes to your Tutor and an electronic copy goes in your assignment.
- **Without the signed statement marks cannot be allocated.**

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- You must keep regular minutes of any meetings that you have while undertaking this course work as they will be required if there is a dispute about any members' contribution.

First meeting – Knowledge Dock

Date- 17-Nov-21-Wednesday

Duration: 15:50 – 16:50 pm

❖ **Members attended:**

1. Md Towhedur Rahman
2. Konrad Figarski
3. Albert Mbuga
4. Ramakanta Dahal

Agendas:

- Read through the questions and identified specifically for research.
- Discussed to understand.
- Make notes above.

Decisions made:

- General research based on questions one to three for all group members.

Second meeting – Library ITC8

Date- 24th Nov @16.00 - 18.00

Members attended:

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1. Md Towhedur Rahman
2. Konrad Figarski
3. Albert
4. Ramakanta Dahal

Decisions made:

- Selection of Hotel: Hotel Britannia (UK based chain hotel).
- **Allocation of Tasks:**
 - Towhed will do the Introduction-Question one a & b.
 - Konrad will do the question Two
 - Ramakanta will do Question Three
 - Albert Mbuga will do Question Five

Question four will be covered by following instructions mentioned.

3rd Meeting @knowledge Dock

1-Dec-21-Wednesday

Duration: 13.00-14.00

Members attended:

1. MD Towhedur Rahman
 2. Konrad
 3. Ramakanta Dahal
 4. Albert Mbuga
- Prepared Power point presentation slides for question 1-2

4th Meeting @ Library

1-Dec-21-Wednesday

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Konrad Figarski-

Duration: 16.00-18.30

Albert Mbuga-

Ramakanta Dahal-

Members attended:

1. MD Towhedur Rahman
2. Konrad
3. Ramakanta Dahal
4. Albert Mbuga

Agendas:

- Prepared presentation slides for Question 3-4
- Agreed to work on Question Five
- Agreed to have two more meeting before presentation.
- Agreed to submit the work one week before the deadline.

5th Meeting by Discord

4-Dec-21- Saturday

Duration: 12-2

Members Attended:

1. Md Towhedur Rahman
2. Konrad Figarski
3. Ramakanta Dahal
4. Albert Mbuga

Agendas:

- Discussed on previous work
- Research and plan on question 5.
- Established a ERD model of new booking system.

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- Agreed to meet again on 7th December, Monday evening

6th Meeting

7-Dec-21 by Discord

Duration: 03.30-04.30

Members attended:

1. Md Towhedur Rahman
2. Konrad Figarski
3. Ramakanta Dahal
4. Albert Mbuga

Agendas:

- Checked all the works has been done and update.
- Discussed about report writing and evaluation.
- Fixed presentation recording day.

WhatsApp Group Conversation Histories:

19/10/2021, 4:51 pm - Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. Tap to learn more.
19/10/2021, 4:02 pm - Konrad created group "Group 7.3"
19/10/2021, 4:02 pm - Konrad added you
19/10/2021, 4:03 pm - Konrad: 👍
19/10/2021, 5:07 pm - Towhed Shumon: 🤔
20/10/2021, 12:35 pm - You changed the group description
02/11/2021, 10:50 am - Towhed Shumon: Hi member's We should have a meeting regarding our assignment to move forward with.
02/11/2021, 11:06 am - +44 7722 809879: Agreed. When should we meet?
03/11/2021, 11:53 am - Konrad: This message was deleted
03/11/2021, 11:53 am - Konrad: Guys I won't be in today, I feel like shit
03/11/2021, 11:57 am - +44 7722 809879: That's ok. Hope it's not serious. Get well soon.
13/11/2021, 12:29 pm - Towhed Shumon: Hi guys is anyone available for have a short discussion about group work
13/11/2021, 12:31 pm - Towhed Shumon: Conrad I have my discord account Towhed#0825
13/11/2021, 12:31 pm - Towhed Shumon: You can add me
13/11/2021, 12:32 pm - Konrad: Okey
13/11/2021, 12:32 pm - Konrad: I'll do it later
14/11/2021, 3:40 pm - Konrad: <https://discord.gg/cwnYbmpd>
14/11/2021, 3:41 pm - Konrad: That's the discord server I've created
14/11/2021, 3:41 pm - Konrad: We are going to meet there and

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do the work 👍16/11/2021, 12:44 pm - Konrad:

<https://discord.gg/C2MCgcADHU>24/11/2021, 3:41 pm - +44 7722 809879: Guys I've got an appointment that I have to catch but I talked to Towhed. I've been doing

research on question 3 of the coursework and will post my findings in the shared document.24/11/2021, 3:42 pm - +44 7722 809879: See you guys next week24/11/2021,

3:42 pm - Towhed Shumon: Ok24/11/2021, 4:23 pm - Towhed Shumon: Send ur full name and can u share it now24/11/2021, 5:23 pm - +44 7722 809879: Albert

Mbuga24/11/2021, 7:07 pm - Konrad: I've done some research on question 2, Towhid can you have a look?24/11/2021, 7:12 pm - Towhed Shumon: Ok I will chk01/12/2021,

4:38 pm - Towhed Shumon: Where t u brother01/12/2021, 4:38 pm - Towhed Shumon:

What's the updates01/12/2021, 4:39 pm - +44 7722 809879: Couldn't make it today.

Had to take care of my sick sister. But I'm working on question 3 and will be posting in the group doc by the end of this week in preparation for the

presentation.02/12/2021, 9:41 pm - Towhed Shumon: Guys,Have u read an email regarding Cn4000 presentation. Check ur email. It is Mr. Solomon Alex'sBut it

did not mentioned specifically for his group. I understand its for all the groups of CN4000.02/12/2021, 9:58 pm - +44 7722 809879: Yeah I read it. I think

it applies to all groups on the module.02/12/2021, 10:01 pm - Konrad:

Yeah02/12/2021, 10:01 pm - Konrad: That's true04/12/2021, 3:39 am - +44 7722

809879: Where and at what time are we meeting?04/12/2021, 8:21 am - Konrad:

1204/12/2021, 9:39 am - Towhed Shumon: Albert PowerPoint is in the group, you can make slides for questions 3 and for 5 as well. Later we can

finalise04/12/2021, 9:40 am - Towhed Shumon: We had some rough slides for 3

already you could modify as wel.04/12/2021, 10:27 am - +44 7722 809879: Yeah I'm making sure the end and ms access stuff is right and then I'll upload my

screenshots into the PowerPoint.04/12/2021, 10:28 am - +44 7722 809879:

*erd04/12/2021, 10:55 am - Towhed Shumon: Thank you Albert04/12/2021, 12:06 pm -

Towhed Shumon: Joint in discord meeting04/12/2021, 12:27 pm - Towhed Shumon:

Albert writing for u in discord04/12/2021, 12:27 pm - Towhed Shumon: Pls

join06/12/2021, 9:25 am - Towhed Shumon: Good Morning Can we have our meeting

immediately after maths lesson as I have something important to do rest if the

evening.06/12/2021, 9:25 am - Towhed Shumon: Rest of the evening06/12/2021, 9:28

am - +44 7722 809879: Sure06/12/2021, 9:30 am - Towhed Shumon: Albert Are u OK.

How is your sister?We have been trying to reach your on Saturday. We did not get

any updates from you. Can u share your work pls.06/12/2021, 9:32 am - +44 7722

809879: She's better now. Thanks for asking. I'm gonna upload to discord in a few minutes for u guys to check and see if it looks alright then it can be added

to the presentation.06/12/2021, 9:32 am - Towhed Shumon: Ok thank you08/12/2021,

4:03 pm - +44 7722 809879: Hey guys I'm almost done with the use case and then

everything will be good for the presentation. We will have to do the recording

tomorrow.08/12/2021, 4:13 pm - Konrad: What about Sunday?08/12/2021, 4:13 pm -

+44 7722 809879: Didn't the teacher say the deadline was tomorrow for the

presentation?08/12/2021, 4:14 pm - Towhed Shumon: Not adjuctly. To get a

feedback08/12/2021, 4:15 pm - Towhed Shumon: Ramakanta has work08/12/2021, 4:15

pm - Towhed Shumon: Sunday is good for him08/12/2021, 4:16 pm - +44 7722 809879:

OK. Sunday it is then. It'll give us more time to refine everything as

well.08/12/2021, 4:18 pm - Towhed Shumon: Did u share the research on 3

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Konrad Figarski-

Ramakanta Dahal-

yesterday. I did not08/12/2021, 4:18 pm - Towhed Shumon: See that Pls share in the group08/12/2021, 4:19 pm - +44 7722 809879: Yeah I'll share again. It might have not uploaded correctly08/12/2021, 4:19 pm - Towhed Shumon: Thanks11/12/2021, 11:52 am - Konrad: Hey guys just to let you know. I need to self isolate so I won't be in on Tuesday.11/12/2021, 11:52 am - Konrad: Btw I'm good but my mum tested positive 😊12/12/2021, 12:27 pm - You started a call12/12/2021, 12:29 pm - +44 7722 809879: My mic was muted12/12/2021, 12:29 pm - You started a call12/12/2021, 12:37 pm - +44 7722 809879: I think I'm muted again. I've uploaded the erd and database12/12/2021, 12:38 pm - +44 7722 809879: You can play with it and design how you wish12/12/2021, 12:39 pm - Towhed Shumon: Albert can u insert erd on slide 10 please12/12/2021, 12:40 pm - +44 7722 809879: Done12/12/2021, 12:47 pm - Towhed Shumon: Make it ready as u will present q. 5 pls12/12/2021, 12:47 pm - Towhed Shumon: Rest r fine I believe12/12/2021, 12:48 pm - +44 7722 809879: Ok. Need to leave for lunch. Let me know when konrad comes on.12/12/2021, 12:48 pm - Towhed Shumon: Ok12/12/2021, 12:59 pm - Konrad: I'll be on 10 minutes12/12/2021, 2:40 pm - Konrad: Hey guys sorry I wasn't today on discord. Can we meet tomorrow morning?12/12/2021, 3:13 pm - Towhed Shumon: Ok12/12/2021, 3:14 pm - Towhed Shumon: We have to finish our report . Pls work on it as distributed12/12/2021, 11:30 pm - Towhed Shumon: Can anyone send me a link to download project 36513/12/2021, 12:33 pm - Towhed Shumon: Hello everyone13/12/2021, 12:35 pm - +44 7722 809879: Hey can we do the presentation at around 5 or 6. I'll have uploaded the use case diagram by then13/12/2021, 12:35 pm - Towhed Shumon: Are we recording today .Is everyone ready???13/12/2021, 12:36 pm - Towhed Shumon: When r we star our meeting13/12/2021, 12:36 pm - Towhed Shumon: Conrad share the gannt chart in group pls13/12/2021, 12:39 pm - +44 7722 809879: I'm ready if you guys are. I'll text when I upload the use case13/12/2021, 12:54 pm - Konrad: I'll share the gant chart in the group work folder13/12/2021, 12:54 pm - Konrad: Just need to finish it13/12/2021, 3:24 pm - Towhed Shumon: Are we having a meeting today13/12/2021, 3:24 pm - Towhed Shumon: We need to fix the time for recording the presentation and submit the final work13/12/2021, 3:25 pm - Towhed Shumon: We can not wait until Thursday13/12/2021, 3:26 pm - +44 7722 809879: I'm free whenever so just let me know when you want us to meet13/12/2021, 3:26 pm - Konrad: Let me ask ramakanta when he will be free13/12/2021, 3:34 pm - Konrad: Guys let's meet around 513/12/2021, 3:35 pm - +44 7722 809879: Ok13/12/2021, 5:09 pm - Towhed Shumon: Hello13/12/2021, 5:09 pm - +44 7722 809879: Are we meeting in Discord?13/12/2021, 5:10 pm - Konrad: Im already in14/12/2021, 9:46 am - Towhed Shumon: Write ur I'd no in the 1st slide pls14/12/2021, 9:46 am - Towhed Shumon: Or Text me14/12/2021, 5:09 pm - Konrad: Albert are you comming today?14/12/2021, 5:10 pm - +44 7722 809879: Just left uni on my way home. Let's record the presentation at 7 if you guys are cool with that14/12/2021, 5:19 pm - Towhed Shumon: Cool14/12/2021, 7:10 pm - Konrad: So are we ready?14/12/2021, 7:11 pm - You started a call14/12/2021, 7:11 pm - +44 7722 809879: Almost. Putting focusing touches on use case.