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King Fahad University of Petroleum & Minerals

College of Mathematics and Computing

Department of Information and Computer Science

Database Systems – ICS324

Project Report

Phase 1

09 / 04 / 2022

|  |  |  |
| --- | --- | --- |
| Project Members | | |
| Name | KFUPM ID | Major |
|  |  |  |
|  |  |  |
| Alfaifi, Ammar | 201855360 | CS |

Table of Contents

[constraints and business rules 3](#_Toc100404255)

[Technologies & Resources 4](#_Toc100404256)

[Work distribution 5](#_Toc100404257)

# constraints and business rules

**Here we state all database constraints and bossiness rules. Any assumptions made will be noted clearly**

# Technologies & Resources

We write here the main tools and technologies that our tame use effectively helping speed up and making collaboration even easier.

|  |  |  |  |
| --- | --- | --- | --- |
| Technologies | | | |
| Icon  Description automatically generated  Notion  Project management: due dates, tracking and distribute tasks | Icon  Description automatically generated  Git  Version control system, keep track of project code files changes | GitHub  To make members collaborate in writing code & open issues | Here Are Four Alternatives To WhatsApp: Telegram, Signal ...  WhatsApp  Fastest communications method to share thoughts and progress |
|  | Icon  Description automatically generated  MS Teams  Setting online meetings to work together | Icon  Description automatically generated  PostgreSQL  An example of SQL, easy to use with many frameworks we have |  |

# Work distribution

In aim of professional managing and effectively balancing the work weigh for each teammate, we use the following table to distribute and assign tasks to each person.

|  |  |  |
| --- | --- | --- |
| Serial | Task | Responsible teammate |
| 1 | First ER Draft | Alfaifi |
| 2 | Improved EER diagram | Abu-Rub, Alharthi |
| 3 | Mapping to tables | Alharthi |
| 4 | Find relationships’ type with domain | Alharthi, Abu-Rub |
| 5 | Managing & writing notes in notion | Abu-Rub, Alfaifi |
| 6 | Writing & summarizing constraints | Abu-Rub |
| 7 | Writing first report draft & stylizing | Alfaifi |
| 8 | Review last EER design | Abu-Rub, Alfaifi, Alharthi |
| 9 | Review final report – phase 1 | Abu-Rub, Alfaifi, Alharthi |
| 10 | Submitting to Bb |  |