Question 2

1st Normal Form

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Team Member ID | Team Member First Name | Team Member Last Name | Project Code | Project Name | Project Status | Project Manager | Task Number | Task Status |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 10 | Resolved |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 132 | In Progress |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 133 | Not Started |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 134 | In Progress |
| 2 | Dave | Richter | DDL | Darren & Darren Ltd | Active | Garth Butler | 100 | In Progress |
| 2 | Dave | Richter | DDL | Darren & Darren Ltd | Active | Garth Butler | 110 | Not Started |
| 2 | Dave | Richter | KMI | Kristen Motors Inc. | Active | Jim David | 10 | Not Started |
| 2 | Dave | Richter | KMI | Kristen Motors Inc. | Active | Jim David | 13 | Resolved |
| 3 | Janie | Klotter | KMI | Kristen Motors Inc. | Active | Jim David | 1 | In Progress |
| 3 | Janie | Klotter | KMI | Kristen Motors Inc. | Active | Jim David | 2 | Resolved |
| 3 | Janie | Klotter | KMI | Kristen Motors Inc. | Active | Jim David | 15 | Resolved |

2nd Normal Form

Step 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Team Member ID | Team Member First Name | Team Member Last Name | Project Code | Project Name | Project Status | Project Manager | Task Number | Task Status |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 10 | Resolved |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 132 | In Progress |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 133 | Not Started |
| 1 | John | Smith | DDL | Darren & Darren Ltd | Active | Garth Butler | 134 | In Progress |
| 2 | Dave | Richter | DDL | Darren & Darren Ltd | Active | Garth Butler | 100 | In Progress |
| 2 | Dave | Richter | DDL | Darren & Darren Ltd | Active | Garth Butler | 110 | Not Started |
| 2 | Dave | Richter | KMI | Kristen Motors Inc. | Active | Jim David | 10 | Not Started |
| 2 | Dave | Richter | KMI | Kristen Motors Inc. | Active | Jim David | 13 | Resolved |
| 3 | Janie | Klotter | KMI | Kristen Motors Inc. | Active | Jim David | 1 | In Progress |
| 3 | Janie | Klotter | KMI | Kristen Motors Inc. | Active | Jim David | 2 | Resolved |
| 3 | Janie | Klotter | KMI | Kristen Motors Inc. | Active | Jim David | 15 | Resolved |

Step 2

|  |  |  |  |
| --- | --- | --- | --- |
| Project Code | Project Name | Project Status | Project Manager |
| DDL | Darren & Darren Ltd | Active | Garth Butler |
| KMI | Kristen Motors Inc. | Active | Jim David |

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| --- | --- | --- |
| Team Member ID | Team Member First Name | Team Member Last Name |
| 1 | John | Smith |
| 2 | Dave | Richter |
| 3 | Janie | Klotter |

|  |  |  |
| --- | --- | --- |
| Project Code | Task Number | Task Status |
| DDL | 10 | Resolved |
| DDL | 132 | In Progress |
| DDL | 133 | Not Started |
| DDL | 134 | In Progress |
| DDL | 100 | In Progress |
| DDL | 110 | Not Started |
| KMI | 10 | Not Started |
| KMI | 13 | Resolved |
| KMI | 1 | In Progress |
| KMI | 2 | Resolved |
| KMI | 15 | Resolved |

3rd Normal Form

|  |  |  |
| --- | --- | --- |
| Team Member ID | Team Member First Name | Team Member Last Name |
| 1 | John | Smith |
| 2 | Dave | Richter |
| 3 | Janie | Klotter |

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| --- | --- |
| Project Code | Project Name |
| DDL | Darren & Darren Ltd |
| KMI | Kristen Motors Inc. |

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| --- | --- | --- |
| Project Name | Project Status | Project Manager |
| Darren & Darren Ltd | Active | Garth Butler |
| Kristen Motors Inc. | Active | Jim David |

|  |  |  |
| --- | --- | --- |
| Project Code | Task Number | Task Status |
| DDL | 10 | Resolved |
| DDL | 132 | In Progress |
| DDL | 133 | Not Started |
| DDL | 134 | In Progress |
| DDL | 100 | In Progress |
| DDL | 110 | Not Started |
| KMI | 10 | Not Started |
| KMI | 13 | Resolved |
| KMI | 1 | In Progress |
| KMI | 2 | Resolved |
| KMI | 15 | Resolved |