

# **Appendices**

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Mavs

July 8, 2019 – Aug 9, 2019



# **Appendix A: Email Logs**

# Email Logs

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| **ERD Walkthrough Draft** 2 messages |

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| **John Manzo**<jmanzo@unomaha.edu> | Mon, Jul 8, 2019 at 2:06 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Hi All,  The first draft of the ERD is attached (vsdx & pdf). I suspect multiple changes and corrections will be required, but the completeness of this draft should give us a good starting point in Tue’s walkthrough.  In case it is helpful, I’ll also bring in paper printouts.  John     |  |  | | --- | --- | | **2 attachments** | | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/pdf.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd2fb5af5a5a97&attid=0.1&disp=attd&safe=1&zw) |  | **Mavs\_M5\_ERD\_v1.0.pdf** 408K | |  | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/generic.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd2fb5af5a5a97&attid=0.2&disp=attd&safe=1&zw) |  | **Mavs\_M5\_ERD\_v1.0.vsdx** 88K | |  | | | |

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| **John Manzo**<jmanzo@unomaha.edu> | Mon, Jul 8, 2019 at 3:13 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Just FYI: I made a few changes to the relations symbols, dependent entity shapes, and style-readability. ERD v1.1 (attached) is the draft I will present on Tue for review.  John  [Quoted text hidden]     |  |  | | --- | --- | | **2 attachments** | | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/generic.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd338e59d215d8&attid=0.1&disp=attd&safe=1&zw) |  | **Mavs\_M5\_ERD\_v1.1.vsdx** 89K | |  | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/pdf.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd338e59d215d8&attid=0.2&disp=attd&safe=1&zw) |  | **Mavs\_M5\_ERD\_v1.1.pdf** 411K | |  | | | |
| **Narrowing Scope** 1 message | |

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| **John Manzo**<jmanzo@unomaha.edu> | Tue, Jul 9, 2019 at 6:04 AM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Just a thought: Walking through the ERD this morning might present our best opportunity to refine scope before moving forward.  The least valuable functions of the app for the Project Sponsor in inventory/equipment tracking and management (it’s a very small operation). At this stage, if you and Dr. Van Vliet find it permissible, I’m very open to dropping these functions (and the Inventory and Equipment tables) from our plans. We can discuss it further in class.  John | | |
| **RRM** 4 messages | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Mon, Jul 8, 2019 at 6:57 PM |
| To: Paul Van Vliet <pvvliet@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Professor Van Vliet ,  Attached is the Mavs group's Roles and Responsibility Matrix for Milestone 5. Please let us know if it is approved by you.  Thank you  Shafiq    --  *Thank you Shafiq Jahish* *Management Information System*  *College of IS&T UNO (402) 321-7078* [*sjahish@*](mailto:sjahish@lfsneb.org)[*unomaha.edu*](http://unomaha.edu/)     |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/doc.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd4052dbc85fa2&attid=0.1&disp=attd&realattid=f_jxv1otzc0&safe=1&zw) |  | **Mavs\_M5\_RRM\_v1.0.docx** 116K | | | | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Tue, Jul 9, 2019 at 8:42 AM |
| To: Paul Van Vliet <pvvliet@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu> | |
| |  | | --- | | Professor Van Vliet,  attached is the RRM with the changes. sorry i mistakenly had Joe as the milestone manager as well. I will be the project manager for milestone 5.  let me know if you have any questions  Thanks  On Tue, Jul 9, 2019 at 7:16 AM Paul Van Vliet <[pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu)> wrote:  Shafiq,    Glad to see you work on this.  Now, a few things need fine-tuning.  First, both you and Joe are listed as milestone managers, which is probably not correct.  Also, make clear that all team members will (and should!) contribute to the ERD and FRDD, which are the key components of the milestone.     * PvV   [Quoted text hidden]  [Quoted text hidden] | | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Tue, Jul 9, 2019 at 8:43 AM |
| To: Paul Van Vliet <pvvliet@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | sorry, forgot to attach the document.  On Tue, Jul 9, 2019 at 7:16 AM Paul Van Vliet <[pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu)> wrote:  Shafiq,    Glad to see you work on this.  Now, a few things need fine-tuning.  First, both you and Joe are listed as milestone managers, which is probably not correct.  Also, make clear that all team members will (and should!) contribute to the ERD and FRDD, which are the key components of the milestone.     * PvV     **From:** Shafiq Jahish <[sjahish@unomaha.edu](mailto:sjahish@unomaha.edu)>  **Sent:** Monday, July 08, 2019 6:57 PM **To:** Paul Van Vliet <[pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu)> **Cc:** John Manzo <[jmanzo@unomaha.edu](mailto:jmanzo@unomaha.edu)>; Joe Cremeens <[jcremeens@unomaha.edu](mailto:jcremeens@unomaha.edu)>; Christopher Kozeny <[ckozeny@unomaha.edu](mailto:ckozeny@unomaha.edu)>; Erik Eiler <[eeiler@unomaha.edu](mailto:eeiler@unomaha.edu)> **Subject:** RRM    Professor Van Vliet ,  [Quoted text hidden]  [Quoted text hidden]     |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/doc.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd6fa067c98e84&attid=0.1&disp=attd&realattid=f_jxvv7xsb0&safe=1&zw) |  | **Mavs\_M5\_RRM\_v1.0.docx** 114K | | | | |

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| **John Manzo**<jmanzo@unomaha.edu> | Tue, Jul 9, 2019 at 12:20 PM |
| To: Shafiq Jahish <sjahish@unomaha.edu>  Cc: Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu> | |
| |  | | --- | | Shafiq,  Just a heads up: Dr. Van Vliet mentioned below that all team members should be contributing to the ERD and FRDD. The FRDD is only assigned to me in your RRM.  John  [Quoted text hidden] | | |
| **ERD Feedback Request** 2 messages | |

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| **John Manzo**<jmanzo@unomaha.edu> | Tue, Jul 9, 2019 at 12:00 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Hi All,  Does the attached ERD appear correct based on this morning walkthrough? Any feedback will be appreciated. Thanks…  John       |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/pdf.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bd7ad9ee503f88&attid=0.1&disp=attd&safe=1&zw) |  | **Mavs\_M5\_ERD\_v1.2.pdf** 412K | | | | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Tue, Jul 9, 2019 at 1:01 PM |
| To: John Manzo <jmanzo@unomaha.edu>  Cc: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu> | |
| |  | | --- | | Looks good to me.  John, I will fix the RRM.  Thanks  [Quoted text hidden] | | |
| **Database Creation** 3 messages | |

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| **Christopher Kozeny**<ckozeny@unomaha.edu> | Wed, Jul 10, 2019 at 9:17 PM |
| To: Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, John Manzo <jmanzo@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Hello everyone,  I spent some time today getting the database to a comfortable spot with all of our tables created and linked together. This is the first draft and there will certainly be changes, I have a few things I will bring up tomorrow after class when we're working on things. Otherwise, feel free to check it out and let me know what you think. Tables are on the left, records will be added in each view you see under those. At the top under "Database Tools" > "Relationships" you can see the resulting relations with each primary and foreign key. The Gantt chart will get finalized tomorrow and we'll be in a good spot for the weekend.  See you tomorrow!  Cj     |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/generic.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bded22afc37eb6&attid=0.1&disp=attd&realattid=f_jxy1isak0&safe=1&zw) |  | **Martin Cleaners\_v1.0.accdb** 1044K | | | | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Wed, Jul 10, 2019 at 9:50 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>  Cc: Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, John Manzo <jmanzo@unomaha.edu> | |
| |  | | --- | | CJ,  thank you  where are you with the Gantt Chart? professor was asking about that today.  we can talk about it tomorrow.  [Quoted text hidden]  --  *Thank you Shafiq Jahish* *Management Information System*  *College of IS&T UNO (402) 321-7078* [*sjahish@*](mailto:sjahish@lfsneb.org)[*unomaha.edu*](http://unomaha.edu/) | | |

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| **John Manzo**<jmanzo@unomaha.edu> | Thu, Jul 11, 2019 at 6:12 AM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Thanks, Cj—this is a really good start. I’m hoping we can get everything approved by Fri at 10:30am (the end of Dr. van Vliet’s office hours), and it appears we’re in a position to do so.  John  [Quoted text hidden] | | |
| **Gantt Chart Review** 2 messages | |

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| **Christopher Kozeny**<ckozeny@unomaha.edu> | Thu, Jul 11, 2019 at 12:01 PM |
| To: Paul Van Vliet <pvvliet@unomaha.edu>  Cc: Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, John Manzo <jmanzo@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Professor Van Vliet,  I've made some good headway on the Gantt chart and have attached it for your review. I've kept formatting consistent with the layout of our previous Project Management files. Please let me know if any changes need to be made.  Thank you,  Cj     |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/generic.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16be1fb925e272dc&attid=0.1&disp=attd&realattid=f_jxyx3i9i0&safe=1&zw) |  | **Mavs\_M5\_Gantt\_v1.2.mpp** 364K | | | | |

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| **Paul Van Vliet**<pvvliet@unomaha.edu> | Thu, Jul 11, 2019 at 1:31 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>  Cc: Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, John Manzo <jmanzo@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Chris,  First, let's talk duration.  MS Project considers a "day" to be 8 hours, no less. And so the roles & responsibility matrix you have in line 2 apparently took 2 hours to do. Is that really true?   You'll want to keep track of actual time spent on each task, and so the easiest way to do so is to add a column that YOU control in which you include the actual hours worked on each task.  (It'll be a great help at the end of the summer term when you need to account for actual hours worked on the project!)  Tasks 17 and 18 are actually one single document (Actual Hardware).  A BIG task is missing here: the actual application development.  This start after milestone 7 is done and runs parallel to milestone 8 until just before the end of the term.  - PvV  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Dr. Paul J.A. van Vliet Information Systems & Quantitative Analysis College of Information Science & Technology University of Nebraska at Omaha Omaha, NE 68182  Phone: (402) 554-2814 e-mail: [pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu) homepage: <http://faculty.ist.unomaha.edu/vanvliet/index.htm>  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - If the only prayer you say in your life is thank you, that would suffice. - Meister Eckhart - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -  **From:** Christopher Kozeny <[ckozeny@unomaha.edu](mailto:ckozeny@unomaha.edu)> **Sent:** Thursday, July 11, 2019 12:01 PM **To:** Paul Van Vliet **Cc:** Erik Eiler; Joe Cremeens; John Manzo; Shafiq Jahish **Subject:** Gantt Chart Review    [Quoted text hidden] | | |
| **Access Database Review** 3 messages | |

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| **John Manzo**<jmanzo@unomaha.edu> | Thu, Jul 11, 2019 at 12:22 PM |
| To: "pvvliet@unomaha.edu" <pvvliet@unomaha.edu>  Cc: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Dr. Van Vliet,  I’ve attached the Mav group’s Access file for your review. Our ERD is included for reference.  Thank you for your time.  John     |  |  | | --- | --- | | **2 attachments** | | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/generic.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16be20efbb6b568f&attid=0.1&disp=attd&safe=1&zw) |  | **Martin Cleaners\_v1.1.accdb** 1044K | |  | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/pdf.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16be20efbb6b568f&attid=0.2&disp=attd&safe=1&zw) |  | **Mavs\_M5\_ERD\_v1.4.pdf** 408K | |  | | | |

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| **Paul Van Vliet**<pvvliet@unomaha.edu> | Thu, Jul 11, 2019 at 1:36 PM |
| To: John Manzo <jmanzo@unomaha.edu>  Cc: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | John,  Your team's not slowing down, is it?  The Access file perfectly matches the ERD and has all the proper data types, input masks, and attribute descriptions. Nice work!  - PvV  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Dr. Paul J.A. van Vliet Information Systems & Quantitative Analysis College of Information Science & Technology University of Nebraska at Omaha Omaha, NE 68182  Phone: (402) 554-2814 e-mail: [pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu) homepage: <http://faculty.ist.unomaha.edu/vanvliet/index.htm>  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - If the only prayer you say in your life is thank you, that would suffice. - Meister Eckhart - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -  **From:** John Manzo <[jmanzo@unomaha.edu](mailto:jmanzo@unomaha.edu)> **Sent:** Thursday, July 11, 2019 12:22 PM **To:** Paul Van Vliet **Cc:** Christopher Kozeny; Erik Eiler; Joe Cremeens; Shafiq Jahish **Subject:** Access Database Review    [Quoted text hidden] | | |

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| --- | --- |
| **John Manzo**<jmanzo@unomaha.edu> | Thu, Jul 11, 2019 at 1:46 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Hi All,  I’ve moved v1.1 of the Access file to the Approved folder.  John    **From:**[Paul Van Vliet](mailto:pvvliet@unomaha.edu) **Sent:**Thursday, July 11, 2019 1:36 PM **To:**[John Manzo](mailto:jmanzo@unomaha.edu) **Cc:**[Christopher Kozeny](mailto:ckozeny@unomaha.edu); [Erik Eiler](mailto:eeiler@unomaha.edu); [Joe Cremeens](mailto:jcremeens@unomaha.edu); [Shafiq Jahish](mailto:sjahish@unomaha.edu) **Subject:**Re: Access Database Review    John,    Your team's not slowing down, is it?  The Access file perfectly matches the ERD and has all the proper data types, input masks, and attribute descriptions. Nice work!    - PvV    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Dr. Paul J.A. van Vliet Information Systems & Quantitative Analysis College of Information Science & Technology University of Nebraska at Omaha Omaha, NE 68182  Phone: (402) 554-2814 e-mail: [pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu) homepage: <http://faculty.ist.unomaha.edu/vanvliet/index.htm>  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - If the only prayer you say in your life is thank you, that would suffice. - Meister Eckhart - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -    **From:** John Manzo <[jmanzo@unomaha.edu](mailto:jmanzo@unomaha.edu)> **Sent:** Thursday, July 11, 2019 12:22 PM **To:** Paul Van Vliet **Cc:** Christopher Kozeny; Erik Eiler; Joe Cremeens; Shafiq Jahish **Subject:** Access Database Review | | |
| **Heads Up** 2 messages | |

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| **Christopher Kozeny**<ckozeny@unomaha.edu> | Thu, Jul 11, 2019 at 7:40 PM |
| To: Joe Cremeens <jcremeens@unomaha.edu>, John Manzo <jmanzo@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Hello team,  I just wanted to let everyone know that I will be heading out of town after class tomorrow. That being said, I won’t have Internet access after about 10 A.M.. My portion of the Milestone appears to be complete and approved. Let me know if there is anything that needs to be done on my end in terms of the Access database or the Project file and I will have it completed tonight. If I don’t hear anything back, I will assume all is well and I’m in the clear to leave tomorrow after class. Solid work this Milestone from everyone, and I’m looking forward to the next few and getting this knocked out.  Cj | | |

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| **John Manzo**<jmanzo@unomaha.edu> | Thu, Jul 11, 2019 at 7:51 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Hi Cj,  Please don’t worry about the Access file; it was approved earlier today.    John  [Quoted text hidden] | | |
| **Client Documents for The Mavs** 3 messages | |

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| **Joe Cremeens**<jcremeens@unomaha.edu> | Wed, Jul 10, 2019 at 7:05 PM |
| To: Paul Van Vliet <pvvliet@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Hello professor!  I've included the Client Documents for your approval.  Thank you,  Joe     |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/doc.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16bde5a052d19eef&attid=0.1&disp=attd&realattid=f_jxxwvs5j0&safe=1&zw) |  | **Mavs\_M5\_CD\_v1.0.docx** 55K | | | | |

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| **Paul Van Vliet**<pvvliet@unomaha.edu> | Wed, Jul 10, 2019 at 7:20 PM |
| To: Joe Cremeens <jcremeens@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  | | --- | | Joe,  Let's take a look after the already correct opening statement:  Executive Summary  Milestone 5 is the beginning of the final half of this project and provides the following documents: Entity-Relationship Diagram, Full Relational Database Design, Project Management Charts, Client Documents, and the Meeting Communications & Control Documents.  Milestone 5 documents include:  · Entity-Relationship Diagrams (ERD)  o A diagram that lays the base foundation for the database to be designed. Contains entities that encompass specific functions within the business (such as supply orders and purchases). A relationship is then derived between relevant entities.  -> Your client won't know what entities or relationships are. How about focusing on what data the client needs to manage her business and how that data is organized?  · Full Relational Database Design (FRDD)  o The FRDD expands on the ERD, and allows for attributes to be assigned to each entity that extrapolate on each entity’s function (for instance, a receipt entity would have a date, time, purchase amount, and ID attributes at a minimum, since that’s what a receipt represents). Each entity is assigned either a Primary Key or a Foreign Key, which allows that entity to be referenced within the database.  -> Entities, primary keys, foreign keys... does the client really need to know about these?  (Hint: probably not!)  What SHOULD the client understand about this part?  · Project Management Charts (PMC)  o Contains the technical aspects of all the milestones. What gets contained within this section will vary based on the current milestone.  -> This is an odd explanation of the PMC. The gantt chart is all about the tasks involved in the project, who is supposed to do them, and when they're supposed to happen!  · Client Documents (CD)  o The Client Documents are a summary of the project in the form of an opening statement, executive summary, implications for the client, and items for approval. The opening statement addresses the immediate concerns of the current milestone, while the executive summary goes into more detail about the specifics of this milestone. Implications for the client  are the details directly for the client, should they need to do anything on their end. Items for approval are items that require approval from the project manager.  -> You really don't have to summarize the client document INSIDE the client document.  · Meeting Communications & Control Documents  o Meeting Communications & Control Documents include any communications between team members, along with any changes that arise during the project through a Change Log. Our Roles & Responsibilities matrix is included as well, which details the specific responsibilities of every project member.  Implications for the Client  Milestone 5 has no additional implications for the client.  Items for Approval  Items for approval are:  · Entity-Relationship Diagrams  · Full Relational Database Design  · Project Management Charts  · Client Documents  · Meeting Communications & Control Documents  -> Actually, the client doesn't approve any of these; I do. keep this section for items the client really should approve of (such as a change in business procedures, an additional expense, etc.).  - PvV  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Dr. Paul J.A. van Vliet Information Systems & Quantitative Analysis College of Information Science & Technology University of Nebraska at Omaha Omaha, NE 68182  Phone: (402) 554-2814 e-mail: [pvvliet@unomaha.edu](mailto:pvvliet@unomaha.edu) homepage: <http://faculty.ist.unomaha.edu/vanvliet/index.htm>  - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - If the only prayer you say in your life is thank you, that would suffice. - Meister Eckhart - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -  **From:** Joe Cremeens <[jcremeens@unomaha.edu](mailto:jcremeens@unomaha.edu)> **Sent:** Wednesday, July 10, 2019 7:05 PM **To:** Paul Van Vliet **Cc:** John Manzo; Shafiq Jahish; Christopher Kozeny; Erik Eiler **Subject:** Client Documents for The Mavs    [Quoted text hidden] | | |

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| **Joe Cremeens**<jcremeens@unomaha.edu> | Thu, Jul 11, 2019 at 9:46 PM |
| To: Paul Van Vliet <pvvliet@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu>, Christopher Kozeny <ckozeny@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Hello professor!  Thank you for the critiques, I went ahead and made the appropriate changes to the Client Documents and revised it to 1.1. Please let me know if there are any further changes I can make.  Thank you,  Joe  [Quoted text hidden]     |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | [https://ssl.gstatic.com/ui/v1/icons/mail/images/doc.gif](https://mail.google.com/mail/u/1?ui=2&ik=3d2458175b&view=att&th=16be413c867c3ccc&attid=0.1&disp=attd&realattid=f_jxzi2n9w0&safe=1&zw) |  | **Mavs\_M5\_CD\_v1.1.docx** 55K | | | | |
| **Gantt chart** 4 messages | |

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| **Christopher Kozeny**<ckozeny@unomaha.edu> | Thu, Jul 11, 2019 at 7:22 PM |
| To: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu>, Shafiq Jahish <sjahish@unomaha.edu> | |
| |  | | --- | | Hey team,  I’ve completed the Gantt Chart and it has been approved. Version 1.3 is the final version and can be included in the running document. I imagine just a screenshot is needed. Although I’m wondering, the version uploaded to Canvas has the current completion percentages for each document (Not all are at 100%). Should I update each task as being 100% completed to reflect our progress at the end of the milestone? Obviously if snapshots are taken now, it will show the current completion percentages, which are not all at 100%. Maybe this is a quick change whoever is making the Running Document can make before taking screenshots. Let me know what you think.  Cj | | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Thu, Jul 11, 2019 at 7:51 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  | | --- | | Cj  I think it would be better if you put them as 100% complete so that way while you are gone tomorrow we don't need to go back to the Gantt chart and make changes. We are going to complete all other documents by tomorrow anyways. I don't know what everybody else think but that's what I think.  Thanks  Shafiq  [Quoted text hidden] | | |

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| **Christopher Kozeny**<ckozeny@unomaha.edu> | Thu, Jul 11, 2019 at 7:55 PM |
| To: Shafiq Jahish <sjahish@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  | | --- | | Thanks for the input Shafiq. I’ll update everything as 100% (as that is almost accurate at this point) and put a version 1.4 in the Approved documents folder as the final version. I will in fact be in class tomorrow, I’m just leaving town once I get home. Everything looks good though - we’ll go over small details in the morning.  Thanks  Cj  [Quoted text hidden] | | |

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| **Shafiq Jahish**<sjahish@unomaha.edu> | Thu, Jul 11, 2019 at 10:31 PM |
| To: Christopher Kozeny <ckozeny@unomaha.edu>  Cc: John Manzo <jmanzo@unomaha.edu>, Joe Cremeens <jcremeens@unomaha.edu>, Erik Eiler <eeiler@unomaha.edu> | |
| |  | | --- | | Do we have class tomorrow?  [Quoted text hidden]  --  *Thank you Shafiq Jahish* *Management Information System*  *College of IS&T UNO (402) 321-7078* [*sjahish@*](mailto:sjahish@lfsneb.org)[*unomaha.edu*](http://unomaha.edu/) | | |



# **Appendix B: Meeting Minutes**

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| --- | --- |
| **Date:** | 7/8/19 |
| **Time:** | 9:00-9:15 |
| **Location:** | PKI 274 |
| **Present:** | Joe Cremeens, John Manzo, Erik Eiler, Christopher Kozeny, Shafiq Jahish |
| **Absent:** | None |
| **Subject:** | Delegation of duties for Milestone 5 |

# 

# ACTION ITEMS

|  |  |  |  |
| --- | --- | --- | --- |
| ***Item*** | ***Responsible Party*** | ***Due Date*** | ***Comments*** |
| Delegate duties | Team | 7/8/19 | Listed below |
| Choose milestone managers | Team | 7/8/19 | Listed below |

# HANDOUTS

No handouts were given at this meeting.

# DISCUSSION

Delegation

Everyone will participate in the ERD and FRDD, but team members will lead the work as to keep the tasks on track.

CJ: Gantt Chart, FRDD lead

John: ERD head lead

Joe: Client Documents

Erik: Change Log and Meeting Communications

Shafiq: Running Document

Milestone managers

5. Shafiq

6. John

7. Erik

8. CJ

Team project (last week) – Joe

|  |  |
| --- | --- |
| **Date:** | 7/10/19 |
| **Time:** | 8:45-9:30 |
| **Location:** | PKI 274 |
| **Present:** | Joe Cremeens, John Manzo, Erik Eiler, Shafiq Jahish |
| **Absent:** | Christopher Kozeny |
| **Subject:** | Progress updates and finalizing of ERD |

# 

# ACTION ITEMS

|  |  |  |  |
| --- | --- | --- | --- |
| ***Item*** | ***Responsible Party*** | ***Due Date*** | ***Comments*** |
| Progress updates | Team | 7/10/19 | Joe – in progress, Shafiq – in progress, Erik & John – finishing ERD |
| Finalizing ERD | Erik & John | 7/10/19 | Met with Dr. van Vliet and got ERD approved |

# HANDOUTS

A copy of the ERD

# DISCUSSION

After discussion with Dr. van Vliet, two entities, Account Payable and Account Receivable, were removed as they were not needed. The entities of Usage Line and Purchase Line were added to the ERD.

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| --- | --- |
| **Date:** | 7/11/19 |
| **Time:** | 8:30-8:45 |
| **Location:** | PKI 274 |
| **Present:** | Joe Cremeens, John Manzo, Erik Eiler, Shafiq Jahish, Christopher Kozeny |
| **Absent:** | None |
| **Subject:** | Progress updates and first draft of FRDD |

# 

# ACTION ITEMS

|  |  |  |  |
| --- | --- | --- | --- |
| ***Item*** | ***Responsible Party*** | ***Due Date*** | ***Comments*** |
| Progress updates | Team | 7/11/19 | Listed below |
| FRDD review | CJ | 7/11/19 |  |

# HANDOUTS

A copy of the ERD

# DISCUSSION

The ERD had one small change of an inventory type attribute needing to be added to the Inventory entity.

Progress

Joe – in correction after review

Shafiq – in progress

Erik – in progress change log and meeting comms

John – adding descriptions and correcting data types in the FRDD

CJ – in progress Gantt chart

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| --- | --- |
| **Date:** | 7/12/19 |
| **Time:** | 8:00-8:30 |
| **Location:** | PKI 274 |
| **Present:** | Joe Cremeens, John Manzo, Erik Eiler, Shafiq Jahish |
| **Absent:** | Christopher Kozeny |
| **Subject:** | Finalizing Milestone 5 |

# 

# ACTION ITEMS

|  |  |  |  |
| --- | --- | --- | --- |
| ***Item*** | ***Responsible Party*** | ***Due Date*** | ***Comments*** |
| Client Document | Joe | 7/12/19 | Approved at end of meeting |
| Format check for EL and MM | Erik | 7/12/19 | Approved |

# HANDOUTS

None

# DISCUSSION

The team agreed to aim for everything turned in by Friday at 5pm.



# **Appendix C: ERD**

Please refer to File name: Mavs\_M5\_ERD\_v1.4.vsdx in the submitted zip folder



# **Appendix D: Access Database**

Please refer to file name: Mavs\_M5\_Martin Cleaners\_v1.1 in the submitted zip folder



# **Appendix E: Tracking Gantt Chart**

Please refer to file name: Mavs\_M5\_Gantt\_v1.4.mpp in the submitted zip folder