**Systems Project Deliverables**

You will meet with your faculty advisor once a week to discuss the progress of your project. Some meetings will mark a milestone in your project, and for these meetings you will submit deliverables to your faculty advisor.

Throughout the semester you will print deliverables and add them to a ring binder. At the end of the semester you will burn a CD/DVD (**or USB drive**) full of files with an installer for your finished product. Some deliverables are only to be printed, some deliverables are only to be put on the CD/DVD, and some are to be both printed and put on the CD/DVD (**or USB drive**).

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| Phase/Deliverable/Meeting | | Required | Graded | CD | Due | Weight |
|  |  | Optional |  | Printed |  |  |
| 1. **Analysis - Inception** | |  |  |  |  |  |
|  | 1.1.1 Team Charter | R | √ | CD, P |  |  |
|  | 1.1.2 Project Charter with Event Table | R | √ | CD, P |  |  |
|  | 1.1.3 Project Plan | R | √ | CD, P |  |  |
|  | 1.1.4 Standards Document (security, screens, etc.) | O |  | CD |  |  |
|  | **Milestone: Inception Deliverables Due** |  |  |  | Week 3 |  |
|  | with 1.1.5 Client Sign-off |  |  |  |  |  |
|  | |  |  |  |  |  |
| 1. **Analysis Elaboration, Construction: Deliverables** | |  |  |  |  |  |
|  | 1.2.1 Use Case Diagrams | R | √ | CD, P |  |  |
|  1.2.2.1 Use Case Descriptions with Activity Flow | | R | √ | CD, P |  |  |
|  | presented using 1.2.2.2 Activity Diagrams |  |  |  |  |  |
|  1.2.3 Analysis Level (Domain) Class Diagram | | R | √ | CD, P |  |  |
|  | 1.2.4 System Sequence Diagrams | R | √ | CD, P |  |  |
|  | 1.2.5 Statechart Diagram(s) for Complex Classes | O |  | CD, P |  |  |
|  | 1.2.6 Preliminary Menu Screen Captures | O |  | CD, P |  |  |
|  | 1.2.7 User Interface Prototype | R | √ | CD, P |  |  |
|  | 1.2.8 Initial presentation slides | O |  | CD- delivered in INFO2300 – week 7 |  |  |
|  1.2.8 Initial discussion of project / presentation | | R | √ |  |  |  |
|  | **Milestone: Analysis Deliverables Due** |  |  |  | Week 6 | 20% |
|  | with 1.2.9 Client Sign-off |  |  |  |  |  |
|  | |  |  |  |  |  |
| 1. **Design Elaboration , Construction: Deliverables** | |  |  |  |  |  |
|  | 2.1 Design-level Class Diagram | R | √ | CD, P |  |  |
|  | 2.2 Design-level Sequence Diagrams | R | √ | CD, P |  |  |
|  | 2.3 Navigation Diagram(s) | R | √ | CD, P |  |  |
|  | 2.4 Menu Screen Captures | O |  | CD, P |  |  |
|  | 2.5 Updated User Interface Prototype | R | √ | CD, P |  |  |
|  | 2.6 Report Designs | R | √ | CD, P |  |  |
|  | 2.7 Entity Relationship Diagram (ERD) | R | √ | CD, P |  |  |
|  | 2.8 Data Dictionary (with field level definitions) | R | √ | CD |  |  |
|  2.9 Web Search and Rationale (Short Report) | | R | √ | CD, P |  |  |



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| Phase/Deliverable/Meeting | | Required | Graded | CD | Due | Weight |
|  |  | Optional |  | Printed |  |  |
|  | 2.10 Deployment Diagram | O |  | CD, P |  |  |
|  | **Milestone: Design Deliverables Due** |  |  |  | Week 9 | 20% |
|  | with 2.11 Client Sign-off |  |  |  |  |  |
|  | |  |  |  |  |  |
| 1. **Construction Deliverables** | |  |  |  |  |  |
|  | Source Code with README.md (instructions) in top folder | R | √ | CD |  |  |
|  3.1 Unit test plan and results | | R | √ | CD |  |  |
|  | 3.2 Initial demo to advisor | R | √ |  |  |  |
|  | **Milestone: Construction Deliverables Due** |  |  |  | Week 13 | 40% |
|  | with 3.3 Client Sign-off |  |  |  |  |  |
|  | |  |  |  |  |  |
| 1. **Transition Deliverables** | |  |  |  |  |  |
|  4.2.1 Showroom slides (maximum 5 slides) | | R | √ | CD | Week 14 |  |
|  4.1.1 User/System test plan(s) and results | | R | √ | CD, P |  |  |
|  4.1.2 Help system and tutorials (if created) | | R | √ | CD |  |  |
|  4.1.3 Project ID Sheet with Deployment Guide | | R | √ | CD, P |  |  |
|  4.1.4 Updated Web Search and Rationale Report | | R | √ | CD, P |  |  |
|  | 4.1.5 User Acceptance Testing with 4.1.9 Client Sign-off \* | R |  | P |  |  |
|  | 4.1.6, 4.1.7 Final presentation slides | O |  | CD-Delivered in INFO2300 in week 13 |  |  |
|  4.1.8 Video capture of project (e.g., | | O |  | CD |  |  |
|  | https://youtu.be/8PSL\_mIF9Ig) |  |  |  |  |  |
|  | Systems Project Competition | O |  |  |  |  |
|  | |  |  |  |  |  |
| 1. **Transition - IT Project Day (**attendance is required**)** | |  |  |  |  |  |
|  | 4.2.2 Application Brochure | R |  |  |  |  |
|  | 4.2.3 Business Cards | R |  |  |  |  |
|  | 4.2.4 Resumes | R |  |  |  |  |
|  | 4.2.5 Booth Display | R |  |  |  |  |
|  | |  |  |  |  |  |
| 1. **Inception to Transition - Project Management** | |  |  |  |  |  |
| For each meeting: | |  |  |  |  |  |
|  | 4.3.1 Meeting Agenda | R | √ | P |  |  |
|  | 4.3.1 Meeting Minutes | R | √ | P |  |  |
|  | 4.3.2 Status Reports | R | √ | P |  |  |
|  | **Milestone: Transition Deliverables Due** |  |  |  | Week 15 | 20% |
|  | with Ring Binder and Client Sign-off |  |  |  |  |  |



*\* User Acceptance Testing is mandatory for INFO3800 (CPA Capstone Projects); initiate this task in Week 13 or earlier.*

**Important Notes:**

* You must comply with all the required deliverables. For example, participating in the **IT Project Day** is required. Missing a required deliverable will drastically lower your mark. See Project Rubric document for details.
* Doing the optional deliverables *may* improve your mark. For example, participating in the Systems Project competition (which includes presenting your project to external judges) is optional. If you join the competition, you *may* improve your mark up to an A+ (10).