



UTDsolv - Capstone Senior Projects

JSOM Undergraduate Office



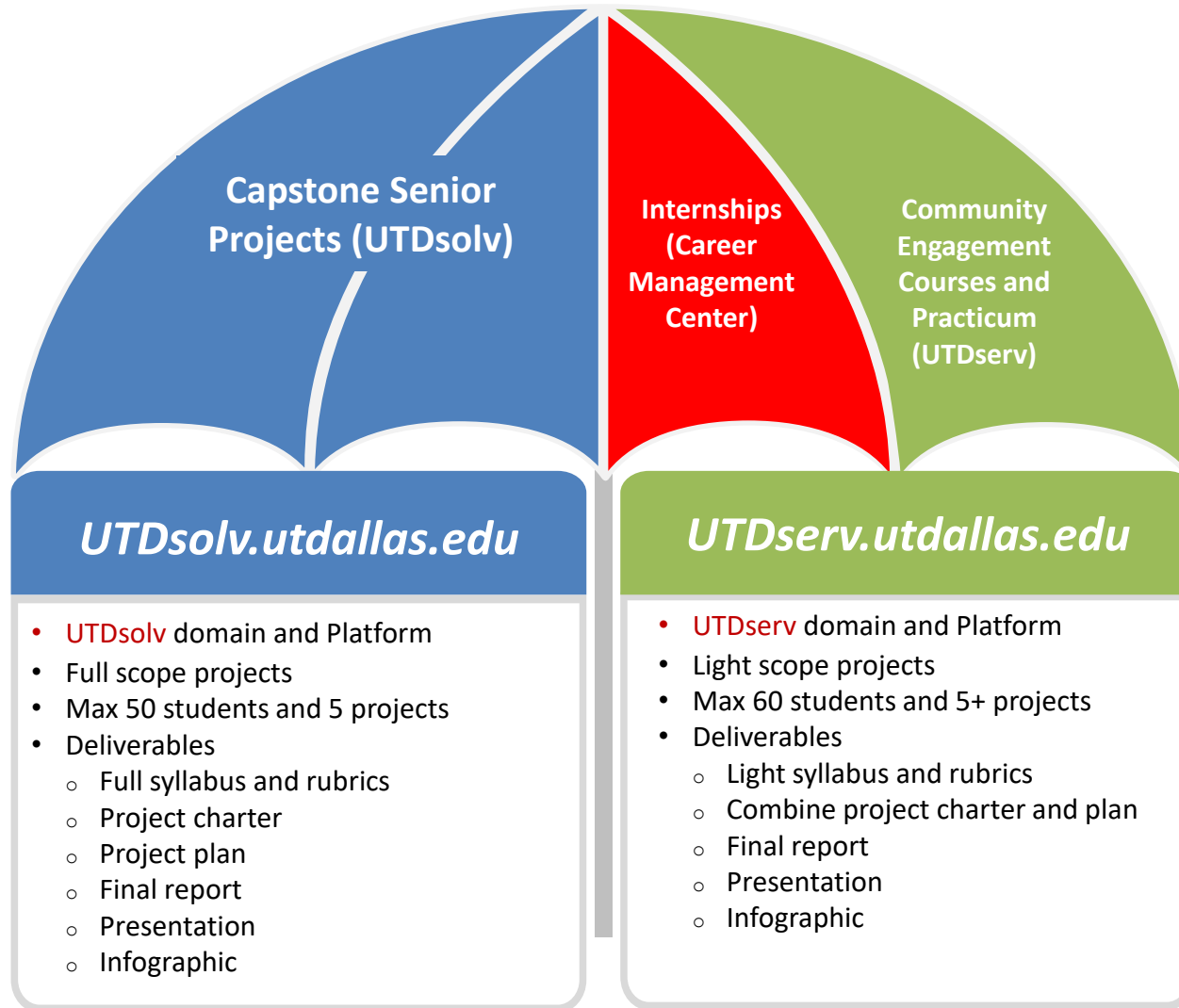


Edwin van der Vlist
Project Manager



David Parks, PhD
Assistant Dean





Mission Statement

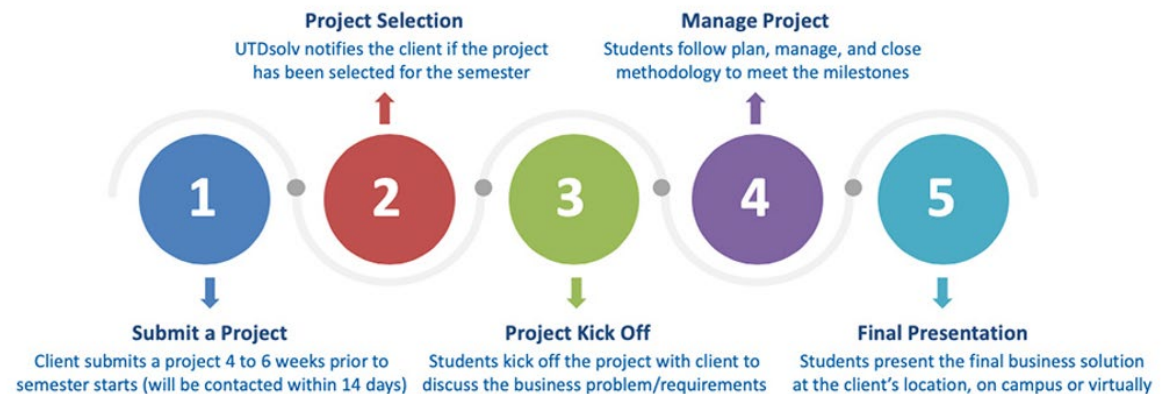
To provide a quality experiential learning that prepares students for distinguished careers, ethically responsible professional and leadership roles in society.

Vision Statement

To be recognized as a premier solution provider to companies' business problems by offering talented students and expert faculty informed by quality research in developing suitable solutions through ethical business practices.

Value Proposition to Companies

- ❖ Reduce or eliminate the use of internal resources
- ❖ Access to top-talented pool of diverse students
- ❖ Increase your company's visibility in higher education
- ❖ Promote your brand among students
- ❖ Increase synergy between corporate partners, faculty and researchers
- ❖ Intellectual property (IP) remains with the company
- ❖ Engage a cross-functional team representing all majors



2,522

Students



\$6M+

Economic Value



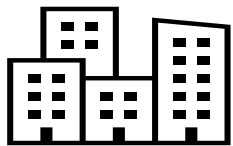
203,120

Hours



192

Companies



265

Projects



4.76/5

Client Satisfaction



7,804

Student
Volunteers



4,250

Organizations



\$10M+

Economic Value



340,000

Hours



6,315

Projects



Dean's Office



Bee Yan Goh
Project Manager



Edwin van der Vlist
Project Manager



David Parks, PhD
Assistant Dean



Shawn Alborz, PhD
Associate Dean

UTDsolv & UTDserv Faculty



Yuko Kitamura
BPS 4395



Rita Egeland
MKT 4395



Tom Henderson
BPS 4395



Jeff Weekly, PhD
OBHR 4395



Naresh Pandey
ITSS 4395
BPS 4395



Constance An
BPS 4395



Jon Segelhorst
BPS 4395



David Parks
OPRE 4395
OPRE 6367
ITSS 4395
BPS 4395



Shaun Clinton
HMGT 4395



Julie Haworth
MKT 4360



Mary-Beth Fickel
ENTP 4340



Robert Wright
ENTP 4340

3 UTDsolv Closure

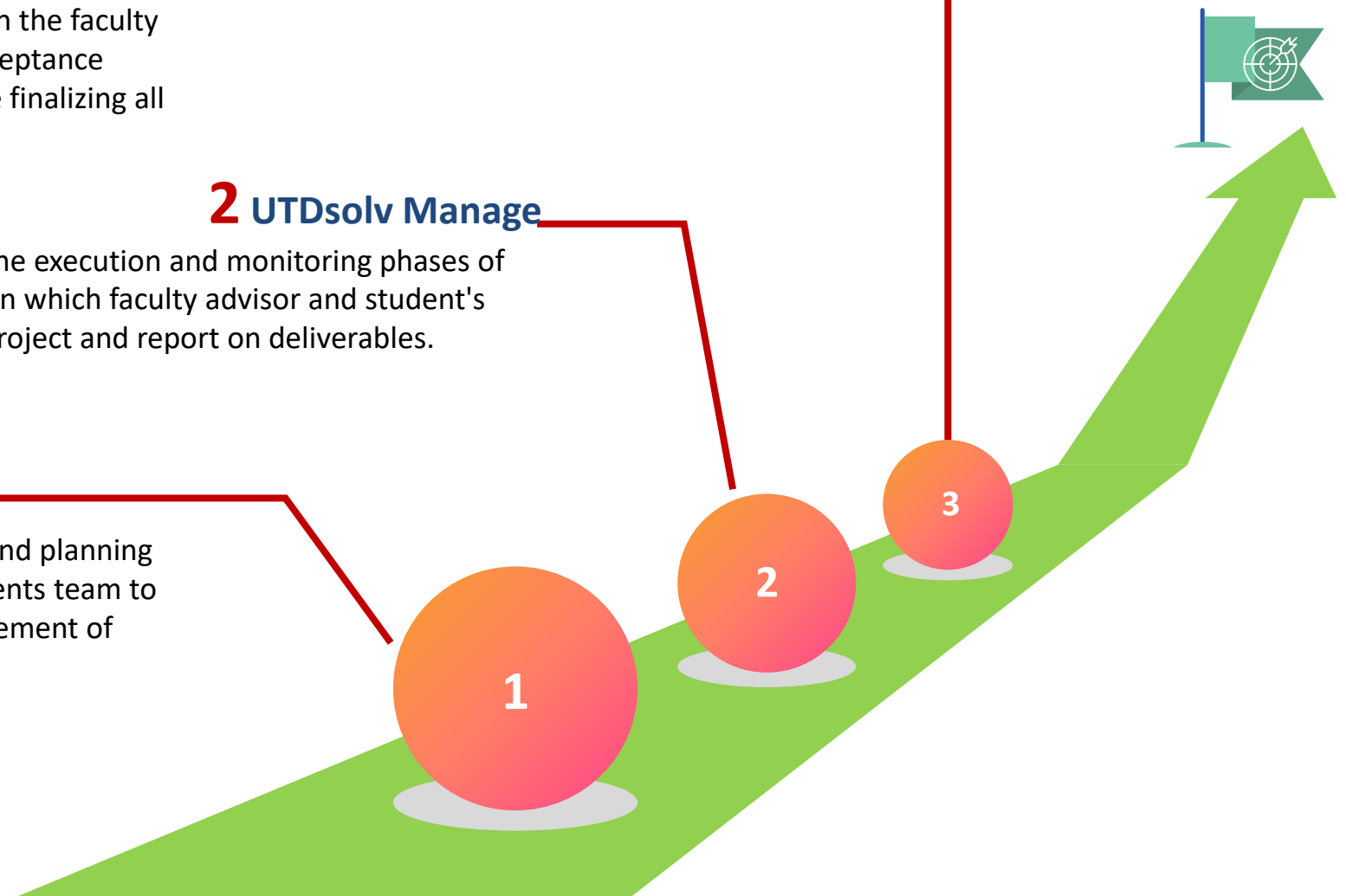
The process covers the closure phase in which the faculty advisor and students' teams obtain client acceptance approval and close the project properly while finalizing all documents and deliverables.

2 UTDsolv Manage

The process covers the execution and monitoring phases of the project lifecycle in which faculty advisor and student's teams manage the project and report on deliverables.

1 UTDsolv Plan

The process covers the project initialization and planning processes and prepares the project and students team to collect data and develop project charter, statement of work and other necessary deliverables.



The Project Management Methodology



UTDsolv Plan		UTDsolv Manage		UTDsolv Close
Initiation	Planning	Execution	Monitoring/Control	Closing
<ul style="list-style-type: none"> Set up project kickoff meeting Put a team together Gather information & requirements Determine project goals/objectives Identify stakeholders Identify critical success factors Determine overall milestones Define management approach Develop project charter Develop SOW 	<ul style="list-style-type: none"> Assess and refine objectives Verify major deliverables Determine related activities/tasks Sequence project activities/tasks Create action/issue logs Identify project risks Develop WBS Develop project schedule Develop project scope document Organize project review meeting 	<ul style="list-style-type: none"> Perform the project work Track deliverables Track actions/issues Communicate with stakeholder Manage change request if any 	<ul style="list-style-type: none"> Track project progress Measure and monitor progress Recommend corrective actions Measure performance Provide status update regularly Monitor project schedule Assess team performance Conduct project process audit 	<ul style="list-style-type: none"> Document and store all the project information for future reference Release all resources Recognize individual performance Document lessons learned Issue final report Conduct client presentation
<ul style="list-style-type: none"> Kick-off meeting with client Gather project information Draft the project charter Review project charter with faculty and client. Make appropriate updates to charter. 	<ul style="list-style-type: none"> Review and refine project objectives Develop work breakdown structure Develop main activities Meet with client and faculty Draft project scope. 	<ul style="list-style-type: none"> Conduct research as necessary. Meet with client and collect more data Review assumptions if any Update project scope if needed Manage action items and issues Draft project report. 	<ul style="list-style-type: none"> Tracks, measures, and reviews the progress and performance of the project work. Ensures the project plan is working according to the plan. Communicate with client and faculty. 	<ul style="list-style-type: none"> Finalizes all activities. Formally close the project. Complete all documentations. Store all documentation digitally. Set up client presentation date. Send final project report to client.

These phases are carried out by the JSOM faculty advisor, project manager/student lead.

Project Repository

- Record keeping
- Project deliverables
- Project health tracking (UTDserv)
- Team surveys
- Client satisfaction tracking
- Student application tracking
- Project submission

Projects: Show My Projects Only RESET APPLY

UTDSolv ⚙️ ✓ ✗ ⏸ ✓ 👤 👤 📄 📄

Incomplete (Team) Incomplete (Individual) Some Completed Completed Instructor Declined Instructor Verified Client Incomplete Client Completed

	Team Charter Milestone	Project Charter Milestone	Project Plan Milestone	Final Project Presentation (PPT) Milestone	Infographic Milestone	Final Project Report Milestone
SP23 BPS 4395 - (Sub Project 1) The To...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - (Sub Project 2) The To...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - (Sub Project 3) The To...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - (Team 1) Ericsson-Incl...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - (Team 2) Ericsson-Incl...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - Analyzing Deploy Solu...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - Analyzing Deploy Solu...	👤	👤	👤	✓	✓	✓
SP23 BPS 4395 - Artnbuff Operational...	👤	👤	👤	✓	✓	✓

+ SURVEY TEMPLATE

UTDSolv Capstone Senior Project

📝 👁️ ↻ UTDSolv Capstone Senior Project

Scheduled
May 05, 2023

Sent in the past 6 months
🔧 December 5, 2022

EDIT SCHEDULE **SEND MANUALLY**

UTDSolv Student Skill Asssment Survey 📝 🗑️

📝 👁️ ↻ UTDserv Student Skill Assessment Survey Student Self Evaluation

Scheduled
April 28, 2023

Professional templates for consistency and effectiveness purposes

Professional Templates

- Project Charter
- Project Team Charter
- Project Plan
- Final Report
- Final Presentation Slides
- Peer Evaluation
- Student Handbook
- Course Syllabus with all Rubrics
- More....

The collage displays several professional templates:

- UTDsolv Project Charter**: Includes sections for General Information, Client Information, and Version History.
- UTDsolv Final Report**: Features General Information and Client Information sections.
- UTDsolv Project Plan**: Contains General Information, Client Information, and Version History.
- UTDsolv Infographic**: Includes General Information and Client Information.
- UTDsolv Project Team Charter**: Features General Information, Client Information, and Management Team details.
- Capstone Senior Project Syllabus**: Includes Course Information and Instructor Contact Information.
- UTDsolv Peer Evaluation**: Contains General Information and Client Information.
- UTDsolv Student Handbook**: Includes sections for working together, norms, and team handbook.

Rubrics to guide faculty in assessing students' performance

Rubrics

- Project Team Charter
- Project Charter
- Project Plan
- Project Final Report
- Project Final Presentation
- Project Infographic

Infographic Rubric

Wikipedia defines infographic as a graphic visual representation of information, data, or knowledge intended to present information quickly and clearly.

Team Charter Rubric

Team charter defines the purpose of the team, and sets ground rules for working together including expectations, communication frequency and methods, how decisions will be made, and how conflicts will be handled.

Project Charter Rubric

Project Charter document provides a high-level of information about the business problem and related items such as deliverables, milestone, critical success factors, etc.

Project Plan Rubric

Project Plan is a detailed document that explains the project, scope, milestones, management approaches and other important aspect of the project.

Final Report Rubric

The Final Report is a document that explains the business problem, the developed business solution with a series of relevant recommendations.

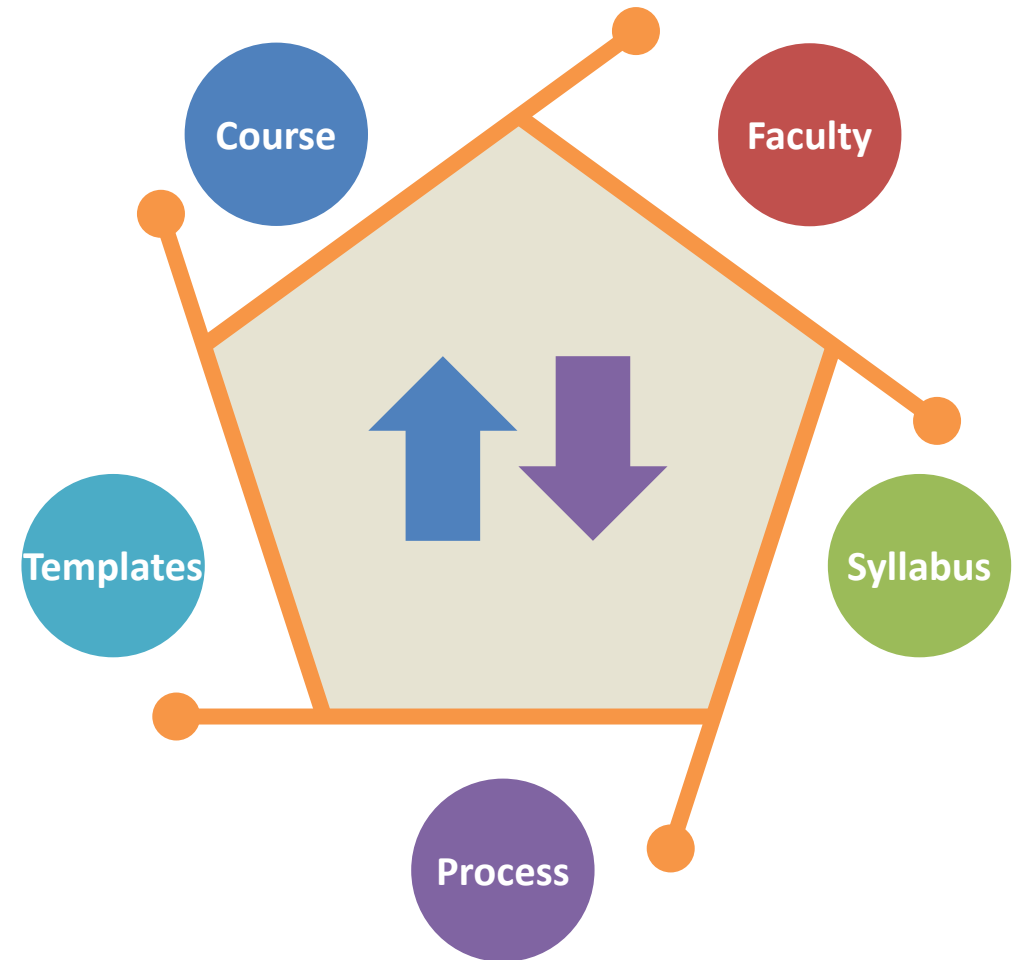
Final Presentation Rubric

Final Presentation is a series of slides that students present to the company at the end of the semester that capsulate the business problem and the developed solution with its related business recommendations.

Measure	Poor (Score 0)	Fair (Score 1)	Good (Score 2-4)	Excellent (Score 5)	Score
Students will be able to create an executive summary slide.	Executive summary slide is either missing or very vaguely explains the overall project and its overall solution.	Executive summary slide lightly addresses the project and its overall solution.	Executive summary slide adequately addresses the project and its overall solution.	Executive summary slide thoroughly and clearly addresses the project and its overall solution.	
Students will be able to create a series of slides that explain the business problem.	A series of slides to address the business problem are either missing, not enough or vaguely explain the business problem or are not relevant.	A series of slides to address the business problem lightly explain the business problem and seem lightly relevant.	A series of slides to address the business problem are relevant and explain the business problem adequately.	A series of slides to address the business problem, are relevant and thorough and clearly explain the business problem.	
Students will be able to create a series of slides that describe the overall developed solution.	The slides to address the overall solution and recommendations are either missing or are very weak.	The slides to address the overall solution and recommendations are lightly done and appears to be weak.	The slides to address the overall solution and recommendations adequately explain the overall solution and recommendations appear to be relevant and interesting.	The slides to address the overall solution and business recommendations are excellent, relevant, and very interesting.	
Students will be able to wrap up the slide deck appropriately.	The conclusion slide is either missing or is very weak.	The conclusion slide slightly wraps up the presentation and is not strong enough.	The conclusion slide adequately wraps up the presentation and is strong.	The conclusion slide is detailed and very strongly wraps up the presentation.	
Total Score					

Expectations From Client

- Follow UTDsolv processes and expectations
- Maintain the original project scope
- Maintain a point of contact throughout the project
- Hold a weekly/bi-weekly meeting with student team
- Provide project data to students if needed
- Respond promptly to team inquiries
- Guide students to a successful project delivery
- Mentor students to be future leaders
- Complete satisfaction survey

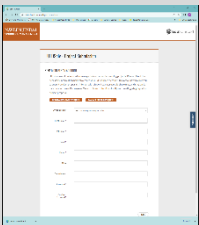




David Parks, PhD
Assistant Dean, UTDsolv, Capstone Senior Projects
UTDsolv@utdallas.edu | [\(972\) 883-5114](tel:(972)883-5114) | [JSOM 11.105B](#)



Edwin Van Der Vlist
Project Manager, UTDsolv, Capstone Senior Projects
UTDsolv@utdallas.edu | [\(972\) 883-5013](tel:(972)883-5013) | [JSOM 11.105H](#)



Submit projects - <https://utdsolv.edusourcedapp.com/submit>



UTDsolv website - <https://jindal.utdallas.edu/undergraduate-programs/utdsolv/>

