

# Previous Projects

Updated: Dec. 9, 2021

<b>Year</b>	<b>Description/Name</b>	<b>Clients</b>	<b>Students</b>
2021	Tech Connect – front end to the <i>Graduate Information Tracking Webservice</i> , for connecting with Tech alumni	Natasha Chadwell, Phil Curtiss, Justin Malsam, Kevin McManus, Diane Warthen	Seth Bettwieser, Adam Burak, Andrew Moreno, John Nelson, Andrey Zuev
2019	ACID – software to facilitate assessment of ABET Criterion 3	Lorri Birkenbuel, Safety (Health & Industrial Hygiene), Phil Curtis (Computer Science), Sue Schrader (Petroleum), Glen Shaw and Larry Smith (Geological Engineering)	Justin Bak, Kaleb Bausch, Diedrich Brush, Carson Fiechtner, Marcus Frisbee, Jacob Vesco
2018	Digital Signage – model editor for organizations with navigable video displays	Science Mine: Phil Curtiss Fred Hartline  World Mining Museum: Loch Gordon Jeanette Kopf	Michael Fryer Zachariah Valenzuela
2016	FRED (Food, Resources, Expenses & Distribution) – facilitate food bank personnel tracking of clients, food orders and donations	Butte Emergency Food Bank: Kathy Griffith Darlene Smith Sharon Hanni Eilssa Mitchell	Nikki Espinoza Jessie Lieberg
2015	AbOut (ABET Outcomes) for Electrical Engineering Department – modifying AbOut so EE faculty members can use it	CS & EE Departments: Jeff Braun Bryce Hill Dan Trudnowski	Mitch Deplazes Josh Lee Luke Schuler Mack Sutherland
2014	Grade Caster – facilitating distributing grades via email	Tech faculty members: Jim Gerard John Getty Bryce Hill	Jon Wareham Adam Cass Garrett Brown
2013	ePASS (electronic Proposal Application System) – facilitating the research proposal certification process	Registrar’s Office: Bev Hartline Annalee Werkmeister Amy Kuenzie	Cade Foster Jake Jones Matt Morris Frank Sholey

		Keith Vertanen	Alex Thompson
2012	Mining Software – facilitating planning open-pit mining soil removal	Mining Department faculty members	
2011	AbOut (ABET Outcome) – facilitate the process of course assessment and tracking these assessments	CS faculty members: Frank Ackerman Jeff Braun Michele Van Dyne Keith Vertanen	Arron Hoff Brain Knopp Ryan Stapley Chris Tenda
2007	AGR-Lite Wizard – Software to facilitate purchasing AGR-Lite insurance (Adjusted Gross Revenue)	NCAT: Jeff Schahczenski John English Mariane Schulitz	Pat Kane Thor Hanks Megan Farbo Tyler Dusek
2006	CRTS (Curriculum Review Tracking System) – facilitate completion of Tech’s curriculum change form, including going through the signing process	Tech Administrators: Doug Abbott Pete Knudsen Doug Coe Susan Patton Ed Johnson Kurt Lean Janelle Vincent	Megan Ryan Chris Jason Brian Koa Wilson James
2005	VIPER – Enable Town Pump store personnel to access an online product price list and make orders.	Town Pump	Oakley Clark-Snustad Jim Ellwood Brent Foley Robert Jangula Chris Kenison Chelsea Lofts Steve Marmon Chris Ostrum MaeLynn Velin Jim Wangerin