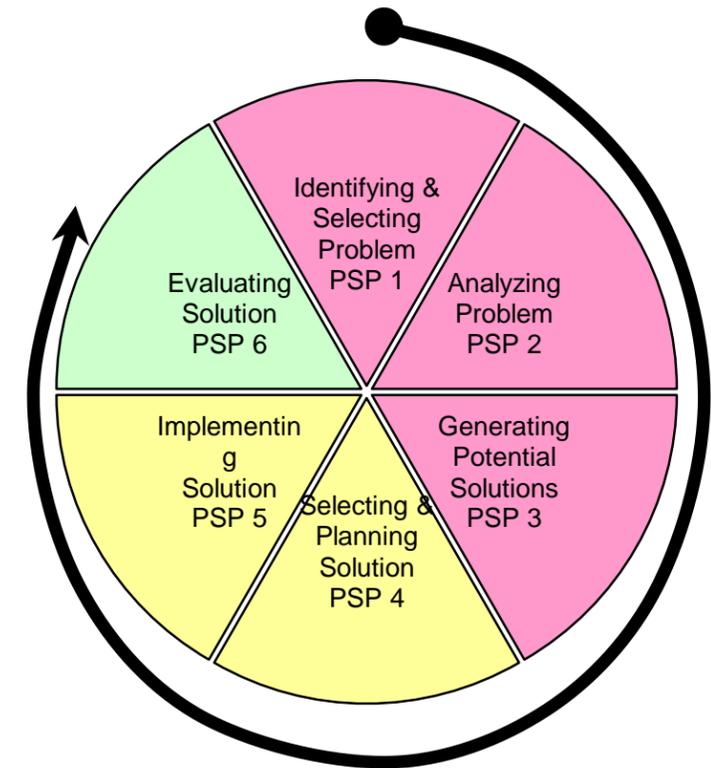


Team #:	P18414	Team Name:	SOIL TOILET
Date:	4/1/2018 15:18	Document Owner:	Nicole Badia
Revision #:	1		

	Identifying & Selecting Problem PSP 1	Analyzing Problem PSP 2	Generating Potential Solutions PSP 3	Selecting & Planning Solution PSP 4	Implementing Solution PSP 5	Evaluating Solution PSP 6
Rating	R1	R2	R3	Y4	Y5	G6
CRITICAL	First build of toilet prototype was a failure.	Chicken wire was not secure enough around the toilet mold. Wet concrete kept falling down due to gravity and an unsecure base of wet concrete underneath.	Have phone call with SOIL ASAP to discuss findings, potential solutions, and walk through new build plan. Research best concrete build practices	Toilet will be built based on instructions given by Jess + Dodo during SOIL call, as well as instructions from Civil Engineers on campus	Prototype number 2 was built based on new instructions	Prototype 2 was successful in build, but issues arised with removing mold from prototype, causing damage to prototype 2.
	Second prototype was damaged when mold was removed	Concrete would not detach from mold after completely dry. Door hnge nails broke off after we removed them. Door set outside, so we could not flip door in when it dried. According to CE's, need better lubricant and by-layer	Take all CE advice when it comes to building with concrete build prototype 3, making sure door is set inside for easier removal Patch up prototype 2			
MAJOR			Try another application try having Jospanat edit his application and re-	Acquire assembly steps from SOIL and build on our own → Ask SOIL reps if assembly documents exist	Alternative was discussed with SOIL and SOIL has provided proper assembly documentation for building a toilet prototype. Ample time has been provided in our Gantt chart for prototyping to	While helpful with starting the build of prototype 1, there were many issues found with the current build instructions. Further assistance will be needed for build of prototype 2.
ORDINARY	Cannot get a SOIL team member to the US to help with the building of the toilet prototype during MSD2.	US Visa application was rejected	Acquire assembly steps from SOIL and build on Acquire videos of building toilets from SOIL			



1

1

1

1

1

1