

## Aquaduct

*Vidhan Dhol (A&S '25)*

Aquaduct's Idea: Their idea focuses on combatting water stress and scarcity by introducing novel technology inspired by mangrove trees membranes to develop desalination technology that would be accessible and affordable to people in need. Using this technology, the team would like to implement a business model where water produced through their technology would be sold as an environmental awareness product and then using those proceeds to develop desalination centers in communities of need.

## ConServe

*Ganesh Puthiaraju (SSoE PhD '24), Matthew Murawski*

ConServe's Idea: Conserve is a groundbreaking kitchen app that redefines convenience with just a photo of your grocery bill. Utilizing advanced AI, it offers a suite of features: Smart Shop for efficient grocery list management and ordering, Smart Health for digital dietitian consultations, Smart Recipe for personalized meal suggestions based on pantry contents, and Smart Sense for quality assessment and ingredient safety of food items. ConServe is designed to save users significant time, energy, food, and space, while also conserving money - with an estimated saving of \$16.43 in just 24 days on food wastage. This all-in-one application is the ultimate tool for smart, sustainable kitchen management.

## Fatigue Risk Management System for Healthcare

*Stacy Cremer (SCI '26), Leyla Ahmadova, Zhuoran Wang*

Fatigue Risk Management System for Healthcare's Idea: Fatigue is difficult to assess and track, but leads to dangerous errors in healthcare workers. The team's fatigue risk management system for healthcare provides a solution that keeps the hospital's insurance bill low while prioritizing patient safety and employee well-being.

## Forevergreen

*Jack Pearson (CBA '24)*

Forevergreen's Idea: Forevergreen is on a mission to calculate, track, and reduce consumer carbon emissions. They want to help consumers understand their impact and take action

## Jenna Dvorsky

*Jenna Dvorsky (MD '25)*

Jenna Dvorsky's Idea: The vision for Phoenix Health Care Technology is to develop an integrative software platform for implementation within health care systems to bridge the gap in access between primary care and specialist services that exists for individuals healing from psychological trauma and abuse.

## Just Smile

*Natasha Mody (SSoE '24), Aqsa Owais (CBA '24)*

Just Smile's Idea: Your healthy smile is a privilege. By harnessing the power of cutting-edge machine learning algorithms and digital health platforms, Just Smile can significantly advance dental care equity. This proactive approach will ensure everyone the affordable dental care they rightfully deserve.

# Blitz Participants

Spring 2024

## Lion's Den

*Julia Lion (A&S '25), Rankin Tran (SCI '24)*

Lion's Den's Idea: A physical cat art gallery that doubles as a shelter - making it an interactive 3D museum. Their goal is to amplify local artists and art programs by showing their work and giving a percentage of proceeds back to the artists as well as aiding in overpopulation at shelters and getting cats into a much healthier environment. The space could also be used for events to bring people together such as yoga nights, art nights, space for club or AA/NA meetings, etc.

## noVRel

*Sejeal Katiyar (SSoE '24), Tanvi Mittal*

noVRel's Idea: noVRel is developing an attachment for the Microsoft Hololens 2 to condense current pieces of surgical equipment into one device. The three key features of the device include a high-zoom stereoscopic camera, high-lumen headlights, and fluorescent microscopy functionality.

## Pitt Locate

*Marko Melishchuk (SCI '25), Joshua Lee, Robert Grenda, Brendon Lee, Nate Stevens*

Pitt Locate's Idea: PittLocate is an app that allows students to view available study spaces on campus and reserve them in real time. By utilizing NFC tags, users can easily lock-in their desired seat wirelessly, which will automatically update on the app's interface.

## Solstis

*Samika Sanghvi (SCI '25), Ruchi Hegde*

Solstis's Idea: An entrepreneurial investment platform that enables student entrepreneurs to connect with investors and other like-minded people. It provides them a starting point to create their business profile and market it to the target audience. The team believes that a brilliant idea needs a bold voice and Solstis will be that voice.