

Codename: Pie Projects

Presentation Speech

“The Pie Tank” Slide - “Welcome” Slide

Dear classmates, friends, and guests, good morning. My name is Hazrat Ali Seylani. I'm the presenter of this presentation and the leader of the Codename: Pie Projects. I'm happy to share our efforts with you. This presentation is about our team, project, and its built process.

“Table of Content” Slide

Let's have a peek at the table of contents first. Today, I'll begin by introducing our team, its members, and some background information on them. The fundamental goal of our project will then be revealed. How was it made after that? The responsibilities of each team member. Then comes the most exciting part. The live demonstration portion. "Seeing is always better than hearing," so we'll put the tank to the test right here. Finally, we'll have a Q&A session where you may ask us any questions you have.

“About us” Slide

Codename: Pie Projects is a group of eight people who are passionate about computers and robots. We are third-year computer engineering classmates and friends as well. Our team was formed in October of 2021, but its name, Codename: Pie Projects, was chosen in February of 2022.

As you can see, these are CPP's members.

“What is it for?” Slide

The Pie Tank can be used in a variety of scenarios. Our main goal is to develop a self-driving or unmanned vehicle that can manage difficult scenarios. For example, in mine detecting scenarios on battlefields and in battles. Or in search and rescue situations. It can also be used as a delivery robot.

“How it was made?” Slide

In the making of this tank, we have used various technologies. The whole body and tracks of the tank are made from plastic and are 3D-printed. We have used the Raspberry Pi 3b as the main SoC, or system-on-a-chip. The remaining elements are as follows:

“The Parts” Slide

Just explain

“The Pie Tank” Slide

Just explain

“Making of the pie tank” Slide

Just explain

“About teamwork” Slide

Just explain

“Let’s test together” Slide

Testing the tank

“Q & A” Slide

Answering some question