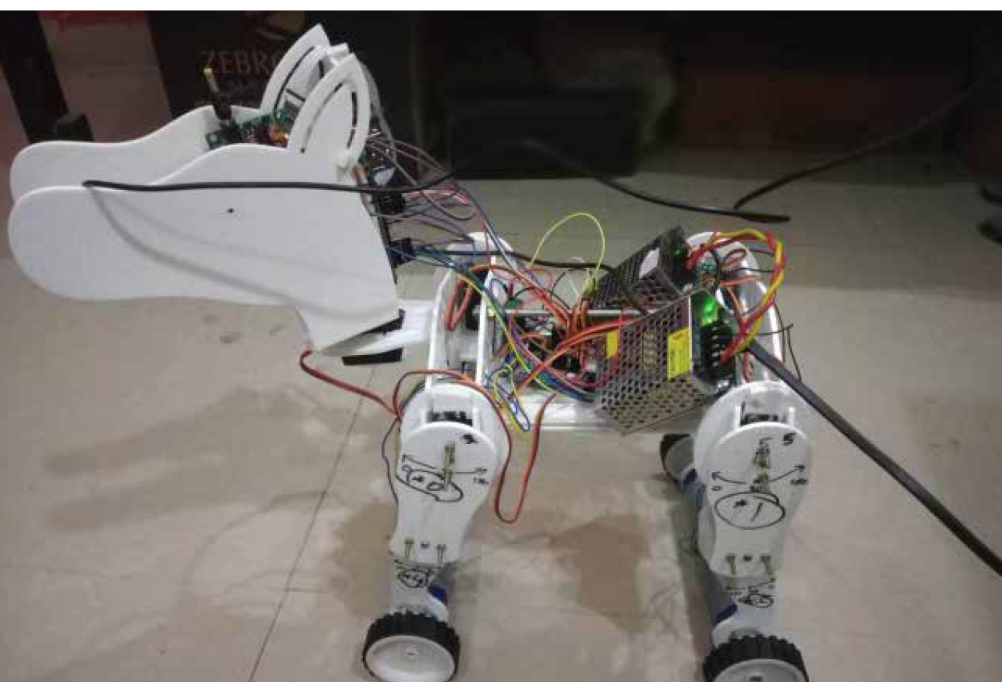


A robotic pet is an artificial intelligent machine created within the image of an animal like dogs, cats, and birds. The pet bot has a range of interesting applications, especially in the safety and companionship of the elderly living at home alone.

Features

- The Pet Robot detects the face of the user, extracting the features and acknowledges it using OpenCV. If any foreign face is found, then live transmission will be viewed in VLC media player by the user
- A number of the voice commands such as “Follow the user”, “Sit”, “Stand” can be used. Voice control is enforced using python libraries and Google API
- GPS is used to track the bot and is also linked to Google Maps. The location, and any unfriendly face or intruder detection is sent through a message
- Pet Robot may show emotions through colorful LEDs. It also notifies the user once the battery is low
- Medication reminders can be set up along with the dosage of medicines to Senior Citizens



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RASPBERRY PI BASED PET ROBOT FOR HOME SURVEILLANCE

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