**Entry Name :**

CASI - Cardiac Arrest Stress Indicator

**Category:**

Health & Nutrition

## **About Your Company**

**Company Introduction**

“There’s no way to make the irrational work.”

Rearden was borne out of necessity. Our idea followed months of hospital visits and uneasiness, where we discovered the sheer suspense and helplessness people face under the sword of heart disease. In accompanying Kunaal for visits to his grandfather, we learned the fatal immediacy of cardiac arrests, and what the absence of prior detection methods means for the families they affect. With a clear goal in mind, we stumbled upon ‘Rearden’ as a name, due to the idea he represented and Kunaal’s Ayn Rand fascination. The four of us have worked in alternating pairs in competitions such as the Asian Regional Space Settlement Design Competition, Wharton High School Investment Competition and F1 in Schools, but never together as one team. By the time we came up with the concept of CASI, we had developed a working rapport, in whole knowledge of each other’s strength and weaknesses, and fair experience of working in tandem. CASI is the result of the four of us having merged multiple teams and with that came a completely new dynamic which none of us had foreseen.

Each of us brought a diverse set of skills to the team:

Kunaal Gautam **( Chief Executive Officer):**

* + Managing interactions and streamlining communications
  + Periodic progress and morale reviews
  + Supervising project element development
  + Task assignment and logging

Sukriti Gupta **(Chief Finance Officer):**

* + Developing financial plans and models
  + Analysing financial strengths and weaknesses, proposing corrective actions
  + Implement business strategies,

Ibrahim Khursheed **(Chief Operations Officer):**

* + Quality control, and facilitating CEO in executive decisions
  + Set comprehensive goals for performance and growth
  + Oversee daily operations

Jaisal Kothari **(Chief Technology Officer):**

* + Selecting materials
  + Reviewing design and physical hypotheses
  + Design evaluation and R&D supervision