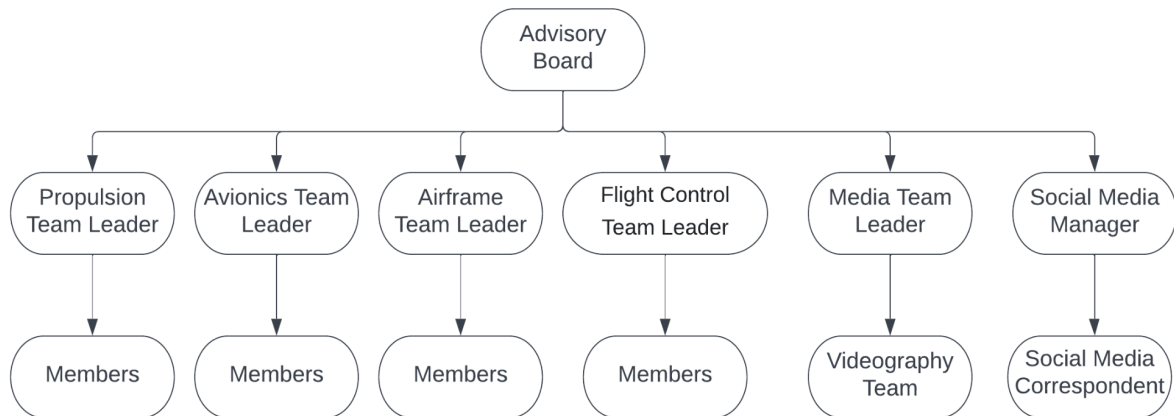




# Nakuja project



## ROLES' DESCRIPTION:

### ❖ **Propulsion Team Leader**

- Plan, direct, and coordinate all Propulsion team activities
- Provide direction, mentorship, and support of the development and work of supporting members
- Working with members to deliver complete propulsion system in accordance with the Nakuja rocket development programme plan
- Working with members and external teams to design, produce, and integrate flight grade propulsion fuel and hardware
- Working with members and external teams to facilitate propulsion fuel and ignition system testing
- Working with members to produce and maintain Nakuja propulsion system documentation
- Conducting research with the help of team members on new technology that could improve existing designs
- Preparing reports on research findings and design development activities
- Working with engineers from other disciplines, such as mechanical or electrical, to develop new propulsion systems or solve problems with existing Nakuja propulsion system

### ❖ **Avionics Team Leader**

- Plan, direct, and coordinate all Avionics team activities
- Provide direction, mentorship, and support of the development and work of supporting members
- Working with members to deliver complete avionics, telemetry, and recovery system in accordance with the Nakuja rocket development programme plan
- Working with members and external teams to facilitate avionics, telemetry, and recovery system testing
- Working with members to produce and maintain Nakuja avionics, telemetry, and recovery system documentation



# Nakuja project

- Conducting research with the help of team members on new technology that could improve existing avionics, telemetry, and recovery system designs
- Preparing reports on research findings and design development activities
- Working with engineers from other disciplines to develop new avionics, telemetry, and recovery systems or solve problems with existing Nakuja avionics, telemetry, and recovery system
- ❖ **Airframe Team Leader**
  - Plan, direct, and coordinate all Airframe team activities
  - Provide direction, mentorship, and support of the development and work of supporting members
  - Working with members to simulate and fabricate complete Nakuja Rocket airframes in accordance with the Nakuja rocket development programme plan and specific workstreams
  - Conducting research with the help of team members on new ways to improve existing Nakuja Airframe designs or new airframe fabrication materials
  - Preparing reports on research findings and design development activities
  - Working with engineers from other disciplines to develop new rocket Airframes or solve problems with existing Nakuja airframe
- ❖ **Flight Control**
  - Plan, direct, and coordinate all Flight Control team activities
  - Provide direction, mentorship, and support of the development and work of supporting members
  - Working with members to deliver complete Nakuja rocket flight control system in accordance with the Nakuja rocket development programme plan
  - Working with members and external teams to design, produce, and integrate flight control software and hardware into Nakuja rockets
  - Working with members and external teams to facilitate flight control system testing
  - Working with members to produce and maintain Nakuja flight control system documentation
  - Conducting research with the help of team members on new ways to improve existing flight control designs
  - Preparing reports on research findings and design development activities
  - Working with engineers from other disciplines to develop new flight control systems or solve problems with existing Nakuja flight control system
- ❖ **Media Team Leader**
  - In charge of overall coordination of the media team
  - Collaborating with airframe, propulsion, flight control and avionics teams to document team activities
  - Managing and overseeing video pre-production, planning, and on-site production activities
- ❖ **Social Media Manager**
  - In charge of overall coordination of social media correspondents



# Nakuja project

- Collaborating with airframe, propulsion, flight control and avionics teams to share team activities on social media
- Suggesting and implementing new social media programs/features to increase project awareness
- ❖ **Social Media Correspondents**
  - Formulating posts for social media sites
  - Posting content across social media accounts
  - Communicating with followers, respond to queries in social media accounts
  - Keeping social media accounts active