

PLANNER

Building an Excellent Team

1. Define Team Goals

- **Clarify Objectives:** Clearly define the team's goals and tasks. This helps identify the necessary skills and resources.
- **Set Expectations:** Clearly outline the roles, responsibilities, and expectations for each team member to ensure everyone understands their scope of work and goals.

2. Recruit and Select the Right Talent

- **Assess Skills and Experience:** Ensure that team members have the technical skills and experience needed to complete the tasks.
- **Soft Skills:** Pay attention to team members' communication skills, teamwork, and adaptability. These soft skills are crucial for collaboration and overall team efficiency.
- **Diversity:** Create a diverse team with different perspectives and backgrounds. Diversity can lead to more innovative solutions and a broader range of ideas.

3. Foster a Positive Team Culture

- **Encourage Open Communication:** Promote an environment where team members feel comfortable sharing ideas and feedback.
- **Build Trust:** Develop trust among team members through transparency, reliability, and mutual respect.
- **Celebrate Successes:** Recognize and celebrate team achievements to build morale and motivation.

4. Provide Strong Leadership

- **Lead by Example:** Demonstrate the values and work ethic you expect from your team.
- **Support and Empower:** Provide the necessary resources and support for team members to succeed. Empower them to make decisions and take ownership of their work.
- **Offer Constructive Feedback:** Give regular, constructive feedback to help team members grow and improve.

5. Promote Continuous Learning and Development

- **Training Opportunities:** Offer training and development opportunities to help team members enhance their skills and stay current with industry trends.
- **Mentorship:** Encourage mentorship within the team to foster knowledge sharing and professional growth.

6. Foster Collaboration and Teamwork

- **Team-building Activities:** Organize activities that promote bonding and teamwork.
- **Collaborative Tools:** Utilize tools and technologies that facilitate collaboration and communication among team members.

7. Monitor and Adjust

- **Regular Check-ins:** Conduct regular meetings to monitor progress, address issues, and adjust plans as necessary.
 - **Feedback Loop:** Implement a feedback loop where team members can provide input on team processes and dynamics.

8. Team composition:

- Algorithm design member: Huang XiTao
- Embedded design members: Cheng Xue, Huang XiTao
- Hardware design Member: Li JinYun
- Structural design member: Chen YangSheng
- Operating Member: To be determined

Creating a Great Robot

1. Design a Practical, Fun, and Cool Robot

- Capable of carrying loads, performing inspections, and transforming to adapt to different environments.
- Equipped with flexible human-machine interaction features.

2. Structural Design

- Achieve a design that is lightweight, cool-looking, highly reliable, and easy to assemble and disassemble.

3. Hardware Design

- Ensure stable power supply for the control board and high-power supply for the core components.

4. Embedded Development

- Develop peripheral drivers, communication interfaces, human-machine interaction interfaces, voice interaction, and testable demos.

5. Algorithm Design

- Structural stress analysis, hardware reliability analysis, motor selection and performance testing, sensor fusion, kinematics and dynamics algorithms, overall machine debugging.

Learning

1. Practice English

- Vocabulary Building
- Reading
- Speaking Practice

2. Reading Papers

- Learning New Knowledge
- Bridging Theory to Practice

3. Studying Management

- Team Management
- Financial Management

Fitness

1. Running

2. Strength Training

3. Avoid excessive late nights, pay attention to rest

Life and Leisure

1. Practice Guitar

2. Travel, experience life, and explore the world

