SDG 6: Clean Water and Sanitation

Project Ideas:

- Water usage tracking app
- Real-time water quality monitoring platform
- Mobile app for locating clean water sources
- Smart water management system for cities
- AI tool for predicting water shortages

Guidelines:

- Create apps that show **households how much water they use daily**.
- Build systems to **test and monitor water quality instantly**.
- Develop mobile apps that **map the nearest clean water sources**.
- Use sensors for smart city water management that **reduce waste and leaks**.
- Apply AI to **predict droughts and water shortages early**.

SDG 7: Affordable and Clean Energy

Project Ideas:

- Solar panel efficiency monitoring app
- Smart home energy management platform
- Renewable energy consumption tracking app
- AI-powered energy grid optimization system
- Decentralized renewable energy trading platform

Guidelines:

- Develop apps to show **how much energy solar panels produce daily**.
- Create smart home systems that **turn off unused devices automatically**.
- Provide apps that let households **track and compare renewable energy use**.
- Use AI to help energy providers **balance supply and demand efficiently**.
- Build trading platforms where communities can **share and sell renewable energy locally**.

SDG 8: Decent Work and Economic Growth

Project Ideas:

- Job matching platform using AI
- Freelancer platform for underserved communities
- Skill-building app for unemployed youth

- Crowdsourced work for economic empowerment
- AI-powered career guidance platform

Guidelines:

- Create AI-based platforms that **match job seekers with the right opportunities quickly**.
- Build freelancer platforms that **connect marginalized communities with online work**.
- Develop mobile apps for **learning new skills and certifications** to help unemployed youth.
- Launch crowdsourced work platforms where **small tasks generate income for many**.
- Provide AI career guidance tools that **suggest career paths based on skills and interests**.

SDG 9: Industry, Innovation, and Infrastructure

Project Ideas:

- Smart city infrastructure management system
- IoT-based supply chain optimization platform
- AI-driven manufacturing process improvement tool
- 3D printing technology for affordable housing
- Sustainable construction materials marketplace

Guidelines:

- Build smart systems that **monitor roads, transport, and city infrastructure in real time**.
- Use IoT devices to **track and improve supply chain efficiency**.
- Apply AI to factories to **reduce errors and boost productivity**.
- Develop low-cost housing using **3D printing for fast and affordable homes**.
- Create marketplaces for **eco-friendly construction materials**.

SDG 10: Reduced Inequalities

Project Ideas:

- Platform for accessible education for people with disabilities
- Crowdsourced community development app
- Mobile app for income disparity tracking
- Online platform for promoting inclusivity in the workplace
- Real-time resource distribution app for marginalized groups

Guidelines:

- Build platforms that **offer adaptive learning tools for differently-abled learners**.
- Create apps that let communities **propose and vote on local development projects**.
- Develop tools to **track and report income gaps across regions**.
- Provide online platforms for **inclusive hiring and equal workplace opportunities**.
- Design apps for **instant delivery of food, shelter, or aid to those in need**.

SDG 11: Sustainable Cities and Communities

Project Ideas:

- Smart public transportation system
- Mobile app for community engagement in urban planning
- Sustainable waste management app
- AI-powered pollution monitoring system
- Urban farming platform for city dwellers

Guidelines:

- Develop smart transport apps that **optimize routes, reduce wait times, and lower emissions**.
- Build platforms for citizens to **share ideas and feedback on city planning**.
- Create apps that **help households and cities separate and manage waste better**.
- Use AI to **monitor and reduce air and noise pollution** in cities.
- Provide platforms that **teach and connect people to urban farming practices**.

SDG 12: Responsible Consumption and Production

Project Ideas:

- Carbon footprint tracking app
- AI-powered waste sorting system
- Sustainable product marketplace
- Green supply chain management platform
- E-commerce platform for secondhand goods

Guidelines:

- Create apps that **calculate the carbon impact of daily activities**.
- Develop AI systems to **auto-sort waste into recyclable categories**.
- Launch marketplaces for **eco-friendly and ethically produced goods**.
- Provide supply chain platforms that **track sustainability in sourcing and production**.
- Build e-commerce apps that **promote reuse through secondhand buying and selling**.

July 2025 Cohort Final Project Submission Form