

List of 200+ Most Interesting ICT Micro Project Topics



1. Task management app for students
2. Language learning app
3. Recipe organizer app
4. Fitness tracker app
5. Budgeting and expense tracker app
6. Portfolio website for a photographer
7. Online resume builder platform
8. E-commerce website for handmade crafts
9. Blogging platform for travel enthusiasts
10. Event management website for local communities
11. Analysis of COVID-19 data
12. Visualization of climate change trends
13. Sentiment analysis of social media posts
14. Sales performance analysis for a retail business
15. Visualization of stock market trends
16. Password manager application
17. Network traffic monitoring tool
18. Secure file encryption software
19. Two-factor authentication system
20. Malware detection and removal tool
21. Smart home automation system
22. Environmental monitoring device
23. Health tracking wearable device
24. Smart irrigation system for agriculture
25. Parking space availability tracker
26. Image recognition system

27. Predictive analytics for customer churn
28. Natural language processing chatbot
29. Stock price prediction model
30. Disease diagnosis system using medical images
31. Customer support chatbot
32. Virtual assistant for scheduling appointments
33. Educational chatbot for answering student queries
34. Recipe recommendation chatbot
35. Language translation chatbot
36. Cryptocurrency wallet application
37. Smart contract for decentralized voting
38. Supply chain tracking system
39. Digital identity verification platform
40. Decentralized file storage system
41. Virtual museum tour
42. Augmented reality shopping experience
43. Virtual reality training simulation for healthcare professionals
44. AR navigation app for indoor spaces
45. Virtual reality meditation experience
46. Cloud-based document collaboration platform
47. Online file storage and sharing service
48. Cloud-based video conferencing application
49. Cloud gaming platform
50. Serverless web application deployment
51. Automated testing framework for web applications
52. Performance testing of mobile apps
53. Security testing of e-commerce websites
54. Usability testing of software interfaces
55. Regression testing suite for software updates
56. Relational database for an online bookstore
57. NoSQL database for real-time analytics
58. Database management system for a university
59. Geospatial database for mapping applications
60. Blockchain-based decentralized database
61. Firewall configuration and management tool
62. Intrusion detection system
63. Vulnerability scanning and assessment tool
64. Secure VPN service
65. Network traffic analysis tool
66. Text summarization tool

67. Sentiment analysis of product reviews
68. Language translation service
69. Named entity recognition system
70. Speech recognition software
71. 2D platformer game
72. Role-playing game (RPG)
73. Puzzle game for mobile devices
74. Multiplayer online battle arena (MOBA) game
75. Virtual reality escape room experience
76. Autonomous delivery robot
77. Robot for educational purposes
78. Robotic arm for industrial automation
79. Swarm robotics system
80. Humanoid robot for eldercare assistance
81. Interactive map for tourism
82. GIS-based urban planning tool
83. Environmental monitoring system using GIS
84. Route optimization for logistics
85. GIS analysis of crime patterns
86. Electronic health record (EHR) system
87. Telemedicine platform for remote consultations
88. Medical imaging analysis software
89. Health monitoring wearable devices
90. Hospital management system
91. Online marketplace for local artisans
92. Customizable product configurator for e-commerce
93. Subscription-based meal delivery service
94. Second-hand goods marketplace
95. Virtual try-on for fashion retailers
96. Influencer marketing analytics platform
97. Social media sentiment analysis tool
98. Hashtag tracking and analysis
99. Audience demographic analysis for social media campaigns
100. Content performance analytics dashboard
101. Online learning platform for coding
102. Gamified language learning app
103. Virtual science laboratory simulations
104. Personalized learning recommendation engine
105. Collaborative note-taking platform for students
106. Peer-to-peer lending platform

107. Investment portfolio management app
108. Cryptocurrency exchange platform
109. Automated budgeting and savings tool
110. Invoice financing marketplace
111. Gesture recognition system
112. Eye-tracking technology for accessibility
113. Voice-controlled smart home assistant
114. Wearable device for biofeedback
115. Brain-computer interface for controlling computers
116. Genome sequencing analysis software
117. Drug discovery simulation platform
118. Protein structure prediction tool
119. Disease outbreak prediction model
120. Metagenomics analysis pipeline
121. Traffic management system
122. Smart parking solution using IoT sensors
123. Waste management system
124. Energy consumption monitoring system
125. Public safety monitoring system
126. Smart street lighting system
127. Air quality monitoring and alert system
128. Smart irrigation system for parks and gardens
129. Water quality monitoring system for rivers and lakes
130. Noise pollution monitoring system for urban areas
131. Crop monitoring system for farmers
132. Livestock monitoring system for ranchers
133. Aquaculture monitoring system for fish farms
134. Greenhouse monitoring system for growers
135. Environmental monitoring system for protected areas
136. Wildlife monitoring system for conservationists
137. Indoor air quality monitoring system for buildings
138. Indoor environmental monitoring system for schools
139. Indoor noise pollution monitoring system for workplaces
140. Indoor temperature and humidity monitoring system for homes
141. Indoor lighting control system for offices
142. Indoor energy consumption monitoring system for commercial buildings
143. Indoor security monitoring system for warehouses
144. Indoor occupancy monitoring system for retail stores
145. Indoor wayfinding system for hospitals
146. Indoor asset tracking system for museums

147. Indoor sanitation monitoring system for restaurants
148. Indoor crowd monitoring system for event venues
149. Indoor space utilization monitoring system for coworking spaces
150. Indoor climate control system for greenhouses
151. Indoor waste management system for shopping malls
152. Indoor fire detection and suppression system for hotels
153. Indoor water leakage detection system for apartment buildings
154. Indoor pest control monitoring system for food processing plants
155. Indoor ventilation monitoring system for factories
156. Indoor chemical exposure monitoring system for laboratories
157. Indoor radiation exposure monitoring system for nuclear facilities
158. Indoor airflow monitoring system for cleanrooms
159. Indoor pressure monitoring system for hospitals
160. Indoor temperature and humidity monitoring system for server rooms
161. Indoor air quality monitoring system for schools
162. Indoor noise pollution monitoring system for classrooms
163. Indoor lighting control system for auditoriums
164. Indoor energy consumption monitoring system for gymnasiums
165. Indoor security monitoring system for dormitories
166. Indoor occupancy monitoring system for libraries
167. Indoor wayfinding system for university campuses
168. Indoor asset tracking system for laboratories
169. Indoor sanitation monitoring system for cafeterias
170. Indoor crowd monitoring system for student unions
171. Indoor space utilization monitoring system for dormitories
172. Indoor climate control system for lecture halls
173. Indoor waste management system for sports facilities
174. Indoor fire detection and suppression system for theaters
175. Indoor water leakage detection system for research facilities
176. Indoor pest control monitoring system for agricultural buildings
177. Indoor ventilation monitoring system for art studios
178. Indoor chemical exposure monitoring system for chemistry labs
179. Indoor radiation exposure monitoring system for medical facilities
180. Indoor airflow monitoring system for hospitals
181. Indoor pressure monitoring system for cleanrooms
182. Indoor temperature and humidity monitoring system for data centers
183. Indoor air quality monitoring system for offices
184. Indoor noise pollution monitoring system for call centers
185. Indoor lighting control system for warehouses
186. Indoor energy consumption monitoring system for distribution centers

187. Indoor security monitoring system for manufacturing plants
188. Indoor occupancy monitoring system for airports
189. Indoor wayfinding system for train stations
190. Indoor asset tracking system for logistics centers
191. Indoor sanitation monitoring system for hotels
192. Indoor crowd monitoring system for convention centers
193. Indoor space utilization monitoring system for exhibition halls
194. Indoor climate control system for shopping centers
195. Indoor waste management system for entertainment venues
196. Indoor fire detection and suppression system for office buildings
197. Indoor water leakage detection system for shopping centers
198. Indoor pest control monitoring system for food courts
199. Indoor ventilation monitoring system for shopping malls
200. Indoor chemical exposure monitoring system for retail stores
201. Smart grid system for efficient energy distribution
202. Smart metering system for monitoring electricity consumption
203. Renewable energy forecasting system
204. Energy-efficient building management system
205. Demand response system for optimizing energy usage
206. Energy auditing tool for identifying wastage
207. Home energy management system for consumers
208. Real-time energy monitoring dashboard for businesses
209. Smart thermostat for automated temperature control
210. Energy-efficient lighting control system
211. Solar power optimization system for maximizing output
212. Wind turbine performance monitoring system
213. Hydroelectric power generation optimization
214. Geothermal energy monitoring and control system
215. Biomass energy production optimization
216. Energy storage system management for grid stabilization
217. Microgrid control system for localized energy distribution
218. Electric vehicle charging station management system
219. Energy trading platform for peer-to-peer transactions
220. Blockchain-based energy marketplace
221. Virtual power plant management system
222. Grid-scale battery storage optimization
223. Energy-efficient appliances recommendation system
224. Smart agriculture system for precision farming
225. Crop monitoring and management platform
226. Soil health analysis tool for farmers

227. Automated irrigation system based on weather data
228. Pest detection and control system for farms
229. Livestock monitoring and tracking solution
230. Agricultural drone for crop surveillance
231. Aquaponics management system for sustainable farming
232. Vertical farming automation platform
233. Greenhouse climate control and monitoring system
234. Agricultural supply chain tracking and management
235. Farm-to-table traceability solution for food safety
236. Precision nutrient management system for crops
237. Agricultural waste management and recycling system
238. Remote sensing-based crop yield prediction
239. Smart logistics system for efficient transportation
240. Route optimization for delivery fleets
241. Warehouse management system for inventory control
242. Real-time tracking of shipments and packages
243. Cold chain monitoring for perishable goods
244. Last-mile delivery optimization for e-commerce
245. Supply chain visibility and transparency platform
246. Inventory forecasting and demand planning tool
247. Reverse logistics management system for returns
248. Freight forwarding and customs clearance solution
249. Blockchain-based supply chain authentication
250. Fleet telematics system for vehicle tracking and management
251. Predictive maintenance for fleet vehicles and machinery
252. Asset tracking and monitoring solution for equipment
253. Vehicle routing and scheduling optimization
254. Fuel consumption monitoring and optimization
255. Driver behavior analytics for safety and efficiency
256. Cargo monitoring for security and compliance
257. Real-time alerts and notifications for logistics operations
258. Digital twinning for virtual representation of assets
259. Asset lifecycle management for equipment maintenance
260. Predictive analytics for equipment failure prediction
261. Remote operation and control of machinery
262. Condition-based monitoring for predictive maintenance
263. Asset performance optimization for efficiency
264. Inventory management for spare parts and supplies
265. Workflow automation for operational efficiency
266. Mobile field service management for technicians

267. Workforce scheduling and dispatching system
268. Customer relationship management for service providers
269. Route optimization for service technicians
270. Inventory replenishment based on consumption
271. Asset tracking and location-based services
272. Field data collection and reporting tool
273. IoT-enabled sensors for equipment monitoring
274. AR-based remote assistance for troubleshooting
275. Predictive maintenance scheduling and alerts
276. Spare parts management and inventory optimization
277. Service level agreement (SLA) monitoring and compliance
278. Work order management and prioritization
279. Customer self-service portal for issue resolution
280. Performance analytics for service operations
281. Data-driven decision-making for service improvements
282. Preventive maintenance planning and execution
283. Predictive analytics for customer demand forecasting
284. Real-time visibility into supply chain operations
285. Collaboration platform for suppliers and partners
286. Supplier performance monitoring and evaluation
287. Risk management and mitigation strategies
288. Compliance monitoring and regulatory reporting
289. Inventory optimization and cost reduction initiatives
290. Supplier diversity and inclusion programs
291. Supplier onboarding and qualification process
292. Contract management and negotiation tools
293. Supplier relationship management (SRM) software
294. Spend analysis and cost-saving opportunities
295. Strategic sourcing and procurement strategies
296. Supplier scorecards and performance metrics
297. Vendor risk assessment and management
298. Supplier collaboration and innovation programs
299. Supplier auditing and compliance tracking
300. Supplier portal for communication and collaboration

