Minor Project Ideas for CSE Students: Creative Programming Adventures

Web Development Projects

1. Make a weather app that shows today's temperature and rain.

2. Build a food finder that shows meals using what's in the kitchen.

3. Create a pet game where users feed and take care of a pet.

4. Make a photo gallery that puts pictures in groups by color.

5. Build a simple chat room where friends can talk online.

6. Make a drawing board with colorful brushes to use.

7. Build a music player that plays songs from a computer.

8. Make a calculator that solves math steps one by one.

9. Create a card game where users flip memory cards.

10. Make a quiz game about animals with fun sounds.

11. Build a garden game where plants grow slowly over time.

12. Make a birthday app that sends happy birthday messages.

13. Create a blog where people write and share stories.

14. Make a tool that shows colors that go well together.

15. Build a typing game that shows speed with racing cars.

16. Make a password maker that creates strong passwords.

17. Build a tool that changes meters to feet and more.

18. Make a clock that shows different time zones.

19. Build a tracker that checks off goals each day.

20. Make a word game where letters get mixed up.

21. Build a calendar that shows important school days.

22. Make a name maker for pets, characters, or usernames.

23. Create a coin flip game with fun animations.

24. Build a shopping cart for a pretend online shop.

25. Make a quote tool that shows a new one each day.

Mobile App Development Ideas

26. Make an app that counts steps walked each day.

27. Build flashcards to learn new words easily.

28. Make an alarm clock with fun ringtones.

29. Create a grocery list that sorts items by store.

30. Build a mood app that uses happy and sad faces.

31. Make a water app that reminds people to drink.

32. Build a camera app with fun picture filters.

33. Make a voice app to record sound and save it.

34. Create a diary with a password to keep it safe.

35. Build a money converter for different countries.

36. Make a game where players catch falling things.

37. Create a contact list to save phone numbers.

38. Build a study timer using the pomodoro method.

39. Make a dinner idea app that picks meals.

40. Create a money tracker for allowance savings.

41. Build a notes app with colorful sticky notes.

42. Make a tiny weather app for the phone screen.

43. Create a phrase translator for travel or fun.

44. Build a music app to play songs and make lists.

45. Make a medicine app that reminds when to take pills.

46. Create a workout app with simple exercises.

47. Build an app that helps find parking spaces.

48. Make a book app that tracks reading progress.

49. Create a plant care app with watering times.

50. Build a barcode scanner that shows prices of products.

Game Development Projects

51. Make a maze game where players find the way out.

52. Build a word game where users guess the word.

53. Make a car race game with many car colors.

54. Create a picture puzzle with sliding tiles.

55. Build a number game where users guess the number.

56. Make a snake game where the snake grows after eating.

57. Build a card game where users match animals.

58. Make a jumping game with a fun hero.

59. Create a tower game where users stop enemies.

60. Build a quiz game about science and nature.

61. Make a card game with easy poker rules.

62. Build a space game with shooting ships.

63. Create an adventure game with treasure finding.

64. Make a word search with hidden words.

65. Build a bowling game with pins that move.

66. Create a music game with beat-matching steps.

67. Make a battle game with army pieces.

68. Build a fishing game with fun fish to catch.

69. Create a sports game like simple basketball.

70. Make a board game on the computer.

71. Build an escape game where players solve puzzles.

72. Make a cooking game where users follow recipes.

73. Build a farm game where crops grow.

74. Make a pet game with food and playtime.

75. Create a math game to learn times tables.

Data Science and Analysis Projects

76. Make a grade calculator to see report card scores.

77. Build a tool that counts answers in surveys.

78. Create a chart maker for science fair data.

79. Make a math helper that solves statistics problems.

80. Build a data fixer for messy numbers in tables.

81. Create a trend checker for social media posts.

82. Make a movie picker that shows what to watch.

83. Build a mood checker for happy or sad text.

84. Make a money tracker to show spending habits.

85. Create a city size counter for people numbers.

86. Build a weather predictor using past weather data.

87. Make a sports tracker for team numbers.

88. Build an item counter for small shops.

89. Make a score guesser using past tests.

90. Create a survey maker with multiple-choice answers.

91. Build a chart tool with colorful bars and lines.

92. Make a habit tracker to show daily patterns.

93. Build a budget app for saving and spending.

94. Create a market tool for learning what people like.

95. Make a health tracker that checks steps and sleep.

96. Build a quiz result checker for teachers.

97. Make a tracker for likes and shares online.

98. Build a sales tracker for lemonade stands.

99. Make a meeting tracker for clubs and groups.

100.   Build a book reading tracker with progress bars.

Artificial Intelligence and Machine Learning Projects

101.   Build a chatbot that answers simple school questions.

102.   Make a photo tool that knows which animal it sees.

103.   Create a book helper that shows what to read.

104.   Build a voice tool that listens to easy commands.

105.   Make a writing tool that reads handwriting.

106.   Build an email filter that finds spam.

107.   Make a language helper that translates short phrases.

108.   Build a face finder that sees people in pictures.

109.   Make a music helper that picks songs people like.

110.   Build a reader that shortens long articles.

111.   Make a tool that sees feelings in face photos.

112.   Build a price guesser for simple products.

113.   Make a plant finder using leaf pictures.

114.   Build a weather guesser using past patterns.

115.   Make a game tool that changes levels as players play.

116.   Build a news sorter for topics like sports or science.

117.   Make a handwriting changer that types words.

118.   Build a tool that finds colors in pictures.

119.   Make a fun activity picker for weekends.

120.   Build a sleep checker using bedtime data.

121.   Make a food name finder from receipts.

122.   Build a music tool that knows music styles.

123.   Make a workout form checker from movements.

124.   Build a study helper that plans for exams.

125.   Make a cooking tool that shows how hard a recipe is.

Internet of Things (IoT) Projects

126.   Make a room temperature tracker for comfort.

127.   Build a plant water system using sensors.

128.   Create a door lock that sends open alerts.

129.   Make a light that changes brightness by itself.

130.   Build a pet feeder that gives food on time.

131.   Make an air check tool for clean air.

132.   Build a smart home controller for switches.

133.   Create a garage door that opens by phone.

134.   Make a weather station for outdoor info.

135.   Build a smart mirror with time and weather.

136. Make a water system for garden plants.

137. Create a motion sensor for house safety.

138. Build an energy tracker for saving power.

139. Make a doorbell that takes visitor photos.

140. Build a parking sensor for garage space.

141. Make a water level checker for fish tanks.

142. Create a smart room heater that saves energy.

143. Build a food tracker for kitchen storage.

144. Make a lock with number code entry.

145. Build a fire alarm that sends phone alerts.

146. Make color-changing lights for fun rooms.

147. Build a garden tool that checks plant health.

148. Make a speaker that listens and follows commands.

149. Build a smart watch with step counter.

150. Make a home screen that shows device info.

Database Management Projects

151. Build a library tracker for borrowed books.

152. Make a student system for keeping grades.

153. Create a store tracker for small shop items.

154. Build a customer list for small businesses.

155. Make a money tool that tracks spending.

156. Build a recipe book with ingredient search.

157. Make a contact book with birthday alerts.

158. Build a homework tracker for schoolwork.

159.   Make a work plan for part-time jobs.

160.   Create a club list for people joining.

161.   Build an appointment app for bookings.

162.   Make a car care log for fixing reminders.

163.   Create an event planner with guest names.

164.   Build a grade book for teachers and students.

165.   Make a fitness app for logging workouts.

166.   Build a money planner with budget tools.

167.   Make a health file keeper for families.

168.   Build a time tracker for daily tasks.

169.   Make a skill chart for learning progress.

170.   Build a gift tracker for charities.

171.   Make a monthly service tracker.

172.   Build a tool rental tracker.

173.   Make a feedback app for getting opinions.

174.   Build a helper for planning volunteers.

175.   Make a food planner with nutrition facts.

Cybersecurity Projects

176.   Build a password checker with strong tips.

177.   Make a file locker with safety tools.

178.   Create a device scanner for safe use.

179.   Build a tool that checks for weak points.

180.   Make a firewall tool that shows blocked links.

181.   Create a message app with safe chats.

182. Build a backup tool for keeping files safe.

183. Make a malware finder for computer safety.

184. Create a user access tool with rules.

185. Build a password checker for rules.

186. Make a data tool that hides personal info.

187. Create a warning tool for strange actions.

188. Build a file sharing app with safety.

189. Make a login tool with two safety steps.

190. Create a privacy tool for social sites.

191. Build a safe notes app with lock.

192. Make a signature app for documents.

193. Build a chat room with private messages.

194. Make a tool to find fake emails.

195. Create a login app with strong safety.

196. Build a leak checker for private info.

197. Make a pay app with safe steps.

198. Create a privacy paper maker for websites.

199. Build a safe cloud file box.

200. Make a tool that checks who you are.

Mini Project Topics for CSE 3rd Year with Source Code

201. Build a mini social media site with friends.

202. Make an online shop site with a cart.

203. Create a writing website for blogs.

204. Build a class website with online lessons.

205. Make a hospital tool with patient notes.

206. Create a bank tool for checking money.

207. Build a hotel booking page with rooms.

208. Make a warehouse tool for keeping items.

209. Create a payment tool for workers.

210. Build a voting tool with safe counting.

Minor Project Ideas for CSE Final Year

211. Build a full website with login features.

212. Create a mobile app with a working database.

213. Make a full online store with payment tools.

214. Build a full learning app with videos.

215. Make a hospital app with doctor visits.

216. Create a full bank app with safety checks.

217. Build a full social site with chat.

218. Make a big store app with barcode scan.

219. Create a travel app with best price ideas.

220. Build a house listing website with pictures.

Mini Project Topics for CSE 3rd Year

221. Build a book site for tracking library books.

222. Make a student system that shows grades.

223. Create a quiz app with auto scores.

224. Build a blog app with comments.

225. Make a money app with alerts.

226. Create a booking app with a calendar.

227. Build a task app with reminders.

228. Make an item list with low-stock alerts.

229. Create a chat app with fast messages.

230. Build an event app with tickets.

Mini Project Topics for CSE 2nd Year

231. Make a calculator with add, subtract, and more.

232. Build a number game with hints.

233. Create a to-do list with task checks.

234. Make a contact list with search.

235. Build a quiz app with choices.

236. Make a converter for units and money.

237. Create an alarm with snooze.

238. Build a weather app with today's info.

239. Make a text editor with bold and underline.

240. Build a picture viewer with slides.