

# Simple Software Engineering Project Ideas for Students

## Games and Fun Apps

1. Make a memory game with colorful animal cards.
2. Build a snake game that moves on the screen.
3. Make a rock, paper, scissors game with fun pictures.
4. Create a word guessing game with hints and clues.
5. Make a drawing app where kids can paint pictures.
6. Build a maze game with easy and hard paths.
7. Make a number guessing game with high and low hints.
8. Create a tic-tac-toe game that plays with the computer.
9. Make a puzzle game with moving picture pieces.
10. Build a color match game with bright rainbow colors.
11. Make a quiz game about animals and nature.
12. Create a memory game that checks what you remember.
13. Make a card game like Go Fish on a screen.
14. Build a word search game with fun topics.
15. Make an arcade game with jumping and running.
16. Create a pattern match game using shapes and colors.
17. Build a racing game with cars and roads.
18. Make a balloon pop game with silly sounds.
19. Create an adventure game with choices and stories.
20. Make a music game where you create songs.

21. Build a platformer game with jumping and collecting.
22. Make a dice rolling game for board game fun.
23. Create a match game with cute animals.
24. Make a treasure hunt game with maps and clues.
25. Build a trivia game about things you like.

## **Learning and Education Tools**

26. Make flashcards to learn new words.
27. Build a calculator that shows math steps.
28. Create a typing game with dancing characters.
29. Make a language app with simple word meanings.
30. Build a times table game with bright numbers.
31. Make a spelling bee app that talks back.
32. Create a quiz game about countries and capitals.
33. Build a science log for school experiments.
34. Make reading quiz questions for any story.
35. Create a periodic table with facts about elements.
36. Build a history timeline with big world events.
37. Make a dictionary app with pictures and meanings.
38. Create a math helper that shows all steps.
39. Build a money converter for world currencies.
40. Make a tool that changes units like feet or inches.
41. Create a weather app that teaches about the forecast.
42. Build a plant finder that uses picture matching.
43. Make a budget tracker for kids to learn money.

44. Create a habit tracker with fun progress bars.
45. Make a journal app for writing every day.
46. Build a recipe keeper for cooking with family.
47. Make a fitness tracker for everyday exercise.
48. Create a calm timer with peaceful nature sounds.
49. Build a grade calculator for school scores.
50. Make a word builder with one new word each day.

## **Creative and Art Projects**

51. Build a photo editor with filters and effects.
52. Make a digital art gallery for showing your art.
53. Create an animation tool using stick figures.
54. Make a color tool that gives color ideas.
55. Build a music player that lets you make playlists.
56. Make a slideshow maker with songs in the background.
57. Create a funny meme maker with silly texts.
58. Make a sticker maker for messages.
59. Create a logo maker with words and shapes.
60. Build a poster maker for school projects.
61. Make a card maker for birthdays or holidays.
62. Create a comic strip maker with speech bubbles.
63. Make a photo collage with fun layouts.
64. Build a digital scrapbook for saving pictures.
65. Make a tool that shows how different fonts look.
66. Create a pattern maker for art designs.

- 67. Build a picture resizer for websites and apps.
- 68. Make a tool to keep screenshots in one place.
- 69. Create a background remover for editing photos.
- 70. Build a watermark maker to protect pictures.
- 71. Make a gif maker from short videos.
- 72. Create an emoji maker to show your feelings.
- 73. Build an avatar maker for online games or chats.
- 74. Make a texture maker for drawing cool art.
- 75. Create a mood board for saving fun ideas.

## **Communication and Social Apps**

- 76. Make a chat app to talk to friends.
- 77. Build a group chat for different friends.
- 78. Create a voice recorder to save messages.
- 79. Make a video call app for family talks.
- 80. Build a notice board for school or home.
- 81. Make a voting app to decide things as a group.
- 82. Create a feedback app to hear people's ideas.
- 83. Build an event planner for birthday parties.
- 84. Make a contact list with pictures and numbers.
- 85. Create a reminder app with nice notes.
- 86. Build a translation app to talk to new people.
- 87. Make a nickname app for fun gaming names.
- 88. Create a nice words app to make friends smile.
- 89. Build a fun question app for meeting people.

90. Make a story app to share your writing.
91. Create a photo app to share with family.
92. Build a voice message app for busy times.
93. Make a group planner for weekend fun.
94. Create a birthday reminder with fun ideas.
95. Build a thank-you note app for being kind.
96. Make a pen pal app to meet kids worldwide.
97. Create a talking starter app for shy people.
98. Build a language app for learning with friends.
99. Make a helper app for your neighborhood.
100. Create a class meeting app for online school.

## **Productivity and Organization Tools**

101. Build a note app with colorful writing.
102. Create a calendar app with daily reminders.
103. Make a password maker to keep accounts safe.
104. Build a file keeper to stay organized.
105. Make a bookmark saver for your favorite websites.
106. Create a time tracker for homework and study.
107. Make a money tracker for your allowance.
108. Build a goal setter with progress bars.
109. Create a daily planner with time slots.
110. Make a backup helper for school files.
111. Build a scanner using your phone camera.
112. Create a QR code maker to share info.

- 113. Make a clipboard helper for copying and pasting.
- 114. Build a battery checker for phone or laptop.
- 115. Make a speed tester for your internet.
- 116. Create a screen time tracker for good habits.
- 117. Build a file finder to clean extra copies.
- 118. Make a text style changer for neat writing.
- 119. Create a link shortener to share easier.
- 120. Build a desktop helper to keep things neat.
- 121. Make a study timer with break times.
- 122. Create a bookmark folder for different websites.
- 123. Build a clipboard history to see what you copied.
- 124. Make a reminder app for app alerts.
- 125. Create a switcher app for school subjects.

## **Health and Fitness Apps**

- 126. Make a water tracker with daily reminders.
- 127. Build a step counter for your walks.
- 128. Create a sleep tracker with bedtime help.
- 129. Make a mood tracker with happy and sad faces.
- 130. Build a timer for exercises at home.
- 131. Create a calorie counter for eating healthy.
- 132. Make a stretch reminder for computer breaks.
- 133. Build a breathing app for calm time.
- 134. Create a posture reminder to sit up straight.
- 135. Make an eye exercise app for screen rest.

136. Build a heart rate checker with phone camera.
137. Make a water need calculator by your day.
138. Create a recipe app for healthy meals.
139. Build a vitamin reminder each day.
140. Make a calm guide with peaceful voice sounds.
141. Create a workout helper for home fitness.
142. Build an allergy tracker for foods and air.
143. Make a first aid guide with emergency numbers.
144. Create a BMI calculator to learn about health.
145. Build a label reader for food shopping.
146. Make a symptom list for doctor visits.
147. Create a medicine helper with timing alerts.
148. Build an emergency phone app with contacts.
149. Make a goal tracker for fitness wins.
150. Create a health journal to write how you feel.

## **Entertainment and Media Apps**

151. Build a music app to play your songs.
152. Create a podcast app with saved episodes.
153. Make a video player with subtitles.
154. Build a radio app with music stations.
155. Create an audiobook player with chapters.
156. Make a lyrics app for favorite songs.
157. Build a sound button app for fun noises.
158. Create a white noise app for better sleep.

- 159. Make a karaoke app with voice recording.
- 160. Build a playlist maker for music moods.
- 161. Make an album art viewer for music.
- 162. Create a song finder to name a tune.
- 163. Build a concert finder for local shows.
- 164. Make a music teacher app for learning notes.
- 165. Create a beat game to match music rhythm.
- 166. Build a music mixer to make your songs.
- 167. Make a music guesser based on your likes.
- 168. Create a metronome for music practice.
- 169. Build a chord finder for piano and guitar.
- 170. Make a sheet music viewer for notes.
- 171. Create a band helper for group practice.
- 172. Build a mood checker for music picks.
- 173. Make a concert ticket keeper app.
- 174. Create a music quiz with fun levels.
- 175. Build a sharing app to make music together.

## **Utility and Tool Apps**

- 176. Create a weather app with hourly updates.
- 177. Build a flashlight app using the phone's light.
- 178. Make a ruler app to measure small items.
- 179. Design a compass app for outdoor trips.
- 180. Create a magnifier using your phone's camera.
- 181. Build a level tool to hang pictures straight.



182. Make a color finder to pick any color.
183. Design a barcode scanner to look up products.
184. Create a mirror app using your phone's front camera.
185. Build a noise checker to see how loud it is.
186. Make a distance app to measure between cities.
187. Design an age calculator with total days lived.
188. Create a tip calculator for restaurant bills.
189. Build a loan calculator to understand borrowing.
190. Make a tax calculator for simple income.
191. Design a time zone tool for global friends.
192. Create a sunrise and sunset checker for places.
193. Build a moon phase tracker for sky lovers.
194. Make an earthquake checker to learn about safety.
195. Design an air quality app for outside play.
196. Create a tide tracker for beach or fishing.
197. Build a pollen checker for allergy help.
198. Make a UV checker to stay safe in the sun.
199. Design a wind speed app for sports outside.
200. Create a humidity tracker for indoor comfort.

## **Data and Analytics Projects**

201. Build a money tracker with spending charts.
202. Create a grade tracker with progress bars.
203. Make a habit checker with weekly reports.
204. Design a mood checker with monthly colors.

- 205. Create a reading log with yearly book lists.
- 206. Build a workout checker with exercise charts.
- 207. Make a social media tracker for posting times.
- 208. Design a screen time tracker with daily hours.
- 209. Create a weather tracker with temperature graphs.
- 210. Build a sleep tracker with bedtime charts.
- 211. Make a task tracker with finished work stats.
- 212. Design a music checker with song types.
- 213. Create a food tracker with nutrition info.
- 214. Build a water tracker with daily amounts.
- 215. Make a study time chart with subject focus.
- 216. Design a game time tracker with play hours.
- 217. Create a movie tracker with types watched.
- 218. Build a steps chart with walking records.
- 219. Make a heart rate chart with workout info.
- 220. Design a budget tracker with money areas.
- 221. Create a goal tracker with success numbers.
- 222. Build a medicine chart with time details.
- 223. Make a plant tracker with watering times.
- 224. Design a homework chart with subject scores.
- 225. Create a pet care tracker with feeding times.

## **Security and Privacy Tools**

- 226. Make a password checker with tips for safety.
- 227. Build a file locker to keep things private.

228. Create a cleaner to delete search history.
229. Design a note app with password lock.
230. Make a two-step login app with backup codes.
231. Build a VPN checker to stay safe online.
232. Create a scam checker for fake email links.
233. Design a chat app with locked messages.
234. Make a signature maker for signing online forms.
235. Build a settings checker for privacy on apps.
236. Create a strong password maker with rules.
237. Design a file shredder to delete forever.
238. Make a network checker to see who's connected.
239. Build a virus checker for files.
240. Create a policy reader to explain privacy rules.
241. Design a backup tool for saving files safely.
242. Make a permission checker for phone apps.
243. Build a cloud locker with locked storage.
244. Create an ID watcher to see if stolen.
245. Design a file send tool with safety locks.
246. Make a parent control app for online safety.
247. Build a money tracker that looks for fraud.
248. Create a digital tracker for online footprints.
249. Design a safe video chat app with locks.
250. Make a leak checker to find broken accounts.

