```
 1 @startuml
 2 start
 3 if (   Open \nYouTube\n    App) then
 4 :Search;
 5 :Input Keyword;
 6 :Select Videos;
 7 if (Starts Playing) then
 8          :Let it Play;
 9          else
10          :Pause;
11          endif
12
13          if (Toggle Captions) then
14               if (Caption on) then
15               : Choose \nLanguage;
16               else
17               :Default;
18               endif
19          else
20          :   Default \n(Caption off);
21          endif
22
23
24 else
25      if (         Browse \nRecommendations) then
26      :Watch Videos?;
27      :Select Video ;
28      ->Yes;
29
30          if (Starts Playing) then
31          :Let it Play;
32          else
33          :Pause;
34          endif
35
36          if (Toggle Captions) then
37               if (Caption on) then
38               : Choose \nLanguage;
39               else
40               :Default;
41               endif
42          else
43          :Default \n(Caption off);
44          endif
45      else
46         :Watch Reels?;
47          :Click on Reels;
48               if (Starts Playing) then
49               :Let it Play;
50               else
51               :Pause;
52               endif
53
```

```
54             :    Scroll\n(Up/Down);
55     endif
56 endif
57
58 split
59
60 if (Likings) then
61 :Like;
62 :Saved to Liked\n Videos Library;
63 :Like Count\n Increases;
64
65 else
66 :Dislike;
67 :Dislike Count\n Increases;
68 endif
69
70 split again
71
72 if (Comment on\n Video?) then
73 :Yes;
74 : Comment\n Published;
75 :Comment Count\n    Increases;
76 else
77 :No;
78 endif
79
80 split again
81
82 if (Share Video?) then
83 :Yes;
84
85 if (Copy Link) then
86 :Yes;
87 :Send to \nFriends;
88 else
89 :No;
90 :  Share on \nSocial Media;
91 endif
92
93 else
94 :No;
95 endif
96
97 split again
98
99 if (Subscribe?) then
100 :Yes;
101
102 if (Notification\n  settings\n  enabled) then
103             :Keep it on;
104             else
105             :Turn it off;
106             endif
```

```
107 else
108 :No;
109 endif
110
111 split again
112
113 if (Save for\n Later?) then
114 :Yes;
115 :Saved;
116 else
117 :No;
118 endif
119 end split
120 :Close the Video;
121 :  Return To \n   YouTube\n home screen ;
122 :Close App;
123
124 stop
125 @enduml
126
```