“The Sims” Company

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Have you played the game “The Sims” where players can customize their character’s life, including their appearance, belongings, houses, and careers? Similar to the “The Sims”, “The Sims” Company is a program where users can customize their own company by determining positions of company and how many employees they expect to have, in terms of the expected yearly income users enter at the beginning of the program. Therefore, “The Sims” Company would help users to manage employees’ salary depending on the company’s income, in order to make sure that profit the company earns each year would be greater than or at least equal to zero after paying off employees’ salary.

“The Sims” Company starts with a brief introduction of the program, and then users would be prompted to enter their usernames and password to create their account. And then the password is prompted to enter again so that users can log in and start planning for their company. However, if the password users enter is different from the first they enter, users would be prompted enter again and they have only three chances to reenter the password. If three passwords users entered are all different from the first, they would have to exit the program. If users enter the same passwords, they would be prompted to enter their expected yearly income of the company, and the expected number of kinds of positions they want to have. Next, a following list would be provided for the users to select if they want to set position name, number of people each position has, the yearly salary each position earn or view the total information users have entered so far. Users can edit the information they have entered and new information would be updated automatically. Also, users can determine whenever they want to continue or exit the program.