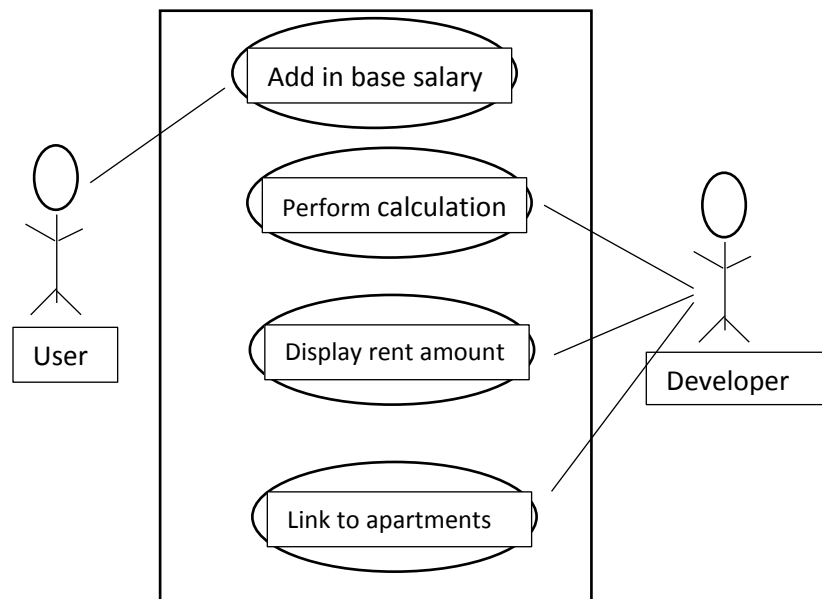


Salena Malhotra

Assignment 3

Project title "Rent Calculator"

Proposal: The title of my application will be "Rent Calculator". The chosen option was option 3- I believe that this application can be very useful to new college grads looking to move out of their parents' home, and live on their own. I will implement a mobile application- as I feel more comfortable with using Java on Android Studio rather than Ruby or Scala. The project idea is to take the annual base salary and deducting taxes/ retirement benefits/ miscellaneous expenses to give you a good monthly rent affordability number. This is an interesting project to help young adults budget for their own apartments, and gives them a starting point/ gets them thinking of how they should budget. A reach goal would be linking it to an apartments website with the price budget in place (need to work this out more). The algorithm used to implement this will be: $[\text{base salary} - \text{tax bracket (based on the salary)}] / 12 - 401K \text{ deductible} - \text{miscellaneous expenses (} \sim \500) . The data structure which will be used is an array so that the values are stored as the respective elements. Some software engineering concepts I would like to learn and reinforce is actually using an SDLC model—probably the unified process so that I can go back and edit each step. I will also utilize the correct OSS licensing, test my application, and use the quality concepts. I will learn android studio by watching online tutorials- Lynda.com.



GitHub Link: <https://github.com/salena/Ind.-Project>

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