**Outline** for

Personal Body Trainer based on wearable equipment

**Goal of personal body trainer**

1. Get steps data from the wearable equipment ( wristwatch )
2. Motive user to walk more
3. Allow user to give the feedback, reason why he walks more or less
4. Allow to adjust the reminder and mute PBT

**Result and exception from personal body trainer**

1. Percentage of steps that user gain compared to data before
2. Length of the talk with PBT and information, like reason why he walks more or less

**Things that I need to consider**

1. Which wristwatch that I should use. Should been decided in 2 weeks and been tested fine before the end of 2nd week.
2. What programming language I should use, depends on which platform I am going to use, by mobile? Or laptop, or web or slack, Facebook and so on. Because we have a dialogue with user. So Java or python? Then it depends on how we get the data from the wristwatch(need to search how many ways that we have now based on the resources that I have)
3. Create some rules based on the data, which I have done last semester, then after the wristwatch been tested, can use the wristwatch to test
4. Need to think what information that I should get from the user and the length of the conversation that I need control , so need to create the table that , like mood, health situation(\*), busy(\*), actually these are also rules that I need to create. But then the hardest part is to get the information from the sentences that user sent to me. Then we need next part
5. Natural language processing, how to extract the information that we need or what user want to say. So I think the pretrained chatbot is really necessary. Can ask Naresh for the chatbot that he trained. Or pretrained. But this point we have to focus on the personal body trainer, I am not the chatbot for kids or spend time with you , so personal body trainer domain should focus on the walking process, what may have influence on that. 1. Busy(something happened) 2. Lazy(don't want to go ) 3. Weather(it is really cold or raining outside, or the gym is closed today) 4. Physical problem(get flu, get hurt of legs or something) 5. Mood(also can go to the 1 one) is bad?