


PROBLEM 3 [30 MARKS]

Photo 	Personal Information <ul style="list-style-type: none">● Name: Sam Wick● Job Title: Student● Age: 26 years● University: University of Ottawa● Email: wicksam@gmail.com
Skills <ul style="list-style-type: none">● research and data analysis - undertaking research and applying analytical skills● practical skills - planning, executing and reporting experiments, using technical equipment and paying attention to detail● numeracy - skills in using mathematics to find solutions to scientific problems, mathematical modelling and interpreting and presenting information graphically	
Experience <p>Sam has a four years' experience as a graduate student in Physics, two years as a student of Masters in physics and now he has a one year experience of PhD in physics, which he is currently pursuing.</p>	
User requirements <p>Cloud backup of calculations, Saving results, Viewing history, Mobile application of this calculator</p>	
Goals <p>Sam want to use the calculator in following areas: 1)To calculate magnetic force (2) In Biot-savarts law(3) To calculate coulomb law(4) In Samsung pie process(mobile) (5) flow of liquid in a tube (6) flow of blood in arteries</p>	