

Software Bid/ Project Teams

UCS 503- Software Engineering Lab

Group : EnC5

Dated: 21-8-2020

Team Name: Unmerged

Team ID (will be assigned by Instructor):

Please enter the names of your Preferred Team Members. :

- You are required to form **a three to four person** teams, with at-least one male and one female member (wherever feasible).
- Choose your team members wisely. You will not be allowed to change teams.

Name	Roll No	Project Experience	Programming Language used
Anushka Shukla	101815112		C++ C Python CSS SQL
Vipul	101865009		C++ Python
Prerna	101815099		C C++ CSS HTML
Taru Garg	101865008	Developed a program that can solve homogeneous second order differential equations.	C++ C HTML Python

Programming Language / Environment Experience

List the languages you are most comfortable developing in, **as a team**, in your order of preference. Many of the projects involve Java or C/C++ programming.

- 1.C++
- 2.C
- 3.Python
4. HTML
5. PHP

Choices of Projects:

Please select **4 projects** your team would like to work on, by order of preference: *[Write at-least one paragraph for each choice (motivation, reason for choice, feasibility analysis, etc.)]*

First Choice	<p>Policy Finder</p> <p>Motivation A web app that helps the citizens of India to know which government policies they are eligible for according to the data they enter about themselves. When it comes to what is government is doing for the people everybody says they are just wasting the money of taxpayers. But that is because people are not aware of what policies government has which they are eligible for. By this web app we hope to bring a change in mindset of people and also let them know which policies they are eligible for and how to take the maximum benefit.</p> <p>Reason The reason for the project is more or less related to motivation. The people don't actually know how to take the maximum benefit by applying to government policies and use the tax money. Also the current process of finding out the policy is very difficult as it involves an individual tirelessly searching for policies they are eligible for on the internet and most of the times the policies individual finds is out of date or has some other constraints and thus leads to wastage of a lot of time.</p>
Second Choice	<p>myPhone</p> <p>Motivation A lot of times while working on some assignment or a project we get a call and then we have to shift our complete focus from the task we are currently doing towards finding the phone or say a message this leads to a lot of frustration and we all experience it. Also, a lot of times you need some data from your phone and for that you need to connect a data cable and then find where exactly the data is and then transfer it which is quite time consuming. Thus with this app we want to help all those people who have experienced this just like us.</p> <p>Reason Being in tech industry a person always has to be near his phone and laptop but a lot of times phone is kept at another place and the person is working in some other place thus for any communication or to attend any call the person has to completely shift his/her focus from the work and go find the phone and then attend call or send a message. With this app we desire to bring a change by creating a seamless way to sync phone and computer not only this but also a lot of other things that are on the phone would be wireless-ly made available to on laptop.</p>
Third Choice	<p>Second Order Derivative</p> <p>Motivation Second order derivatives are some of the most common equations that engineers have to solve almost daily. But sometimes arriving at a solution can be tricky as it involves some very complex manipulation of quadratic equations but since there is a procedure which can be used to arrive at a solution it becomes easy for a computer to solve it also it reduces a lot of burden as one would simply be able to get the solution without having to do very complex calculations.</p>

	<p>Reason</p> <p>The reason for development of this project is more linked with what we do. Almost everyday and in all subjects we have to solve a lot of second order differential equations and a lot of times that is a complicated task and there are also a lot of errors that crept in and eventually lead to a wrong answer. So with this product we hope we can help some people in the same work field like us.</p>
Fourth Choice	<p>Messaging App (For computer)</p> <p>Motivation</p> <p>There are a lot of apps for phone that allow you to send and receive message but almost none for laptop or a PC. And all the web versions of these largely computer based apps are slow. Thus we want to create this app specially for a PC based environment.</p> <p>Reason</p> <p>Currently all messaging apps are phone based and thus there web alternatives are relatively slower as compared to their actual focused version that is mobile app. Thus we want to make a web app that is specially designed for PC,laptops etc. so that we can provide a lot of features that are not available on the web versions of messaging apps. We also desire to add bots to this system that can automate certain tasks.</p>

Additional Remarks/ Inputs

Please tell us about any other factors that we should take into consideration (e.g., if you really would like to work on a project for some particularly convincing reason).

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