# Personal Information

* Name - Pawan Kumar
* Qualification – B.sc. Mathematics(honors)
* Designation - Student
* Department – Diploma in Pharmacy
* Address – Dwarka Sector-23 , Village Pochanpur , New Delhi - 110077
* Gender – Male
* Mobile Number – 8130156456
* Email – pawansahai99@gmail.com

# Introduction to Ideation

* Broad Industry Sector – Medical Devices
* What is your product/ service?
* It is a portable electronic device . It is capable of detecting calculus . It would also compatible with smartphones.
* Who is recipient/beneficiary of your product/service?
* Small medical healthcares
* Hospitals
* Small medical check up organised by government
* Common people
* What is the idea/innovation?
* Is it an idea or you have validated any proof of concept?
* Till now it is just an idea.
* If you have started any work on it , has it generated any revenue?
* No I have not started any work on it .
* What is the problem you are trying to solve?
* Many people don’t know whether they have calculus in their body unless they create some major problems and these major problems may lead to operation.
* Medical camps which are organised by government do not carry ultrasound machines because they are large in size . So this device is also beneficial in these type of camps.
* It can also be used by common people.
* What experiments you will like to do?
* This device would be based on the concept of ultrasound waves. This device would tell the size of calculus , number of calculus and their position in the body . It would also be compatible with smartphones.
* What will be requirement to get idea conceptualised?
* Engineers
* Technicians
* Workers

#

#  Strategy

* What if you do not get incubation support from DIIF?
* I will again do research on my idea. I will again polish it. I will take some expert advice on my idea and how can I improve it or come up with another idea.
* What if you get incubation support from DIIF?
* I will put my heart and soul if I get incubation support from DIIF and do lots of hard work to make my idea comes true.
* How do you plan to scale up your start up?
* First we cover one particular region by distributing device in hospitals , nearby small healthcares , pharmacy shops . If we get good response then we will tell about this device to government so that it can distribute this device to all over the country.
* What are the challenges you are facing now and you foresee in next 2 years?
* Funds
* Latest technology
* Experts
* Researchers

# Requirements

* Funds required upto 2 years – 10 to 15 lakhs
* Assistance required upto 2 years – 10-15

# Summary of Proposal

* It will be a medical device that works on the principle of ultrasound machine. This device will have connectivity with smartphones. Anyone can use this device by just connecting it with his smartphone. Then they have to just rub the machine on their stomach and the size , position and number of calculus will start appearing on their mobile screen .Medical camps cannot carry ultrasound machines with them because of its larger size so it will also be beneficial there. To implement this idea we need some good researchers, experts, technicians and scientists. If manufacturing cost of this machine will be cheaper than this can be used by common people, small healthcares also. People can do their calculus detecting test on their homes and on regularly basis and can prevent themselves before their problem getting worse. Our main aim to make this technology cheaper and make it available to every section of the society.