

Interactive Lesson Learner

‘My Point’

Version: 1.0

Summer Internship 2013

Submitted in fulfillment of internship project by
Interactive Lesson Learner Team

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Declaration

I declare that this written submission represents my ideas in my own words and where others ideas or words have been included, I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited whom proper permission has not been taken when needed.

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ACKNOWLEDGEMENT

We the summer intern team of development on Aakash Platform are overwhelmed in all humbleness and gratefulness to acknowledge our depth to all those who have helped us to put our ideas and assigned work, well above the level of simplicity and into something concrete.

We would like to express our special thanks of gratitude to **Prof. Deepak B. Phatak** for providing us an opportunity to work under one of his esteemed projects, constantly motivating for doing better and showing complete confidence in our work.

We are very thankful to our Project Manager **Dr. Madhuri Sawant** for her valuable help. She was always there to show us the right track when we needed help. With the help of her valuable suggestions, guidance and encouragement, we all were able to complete our tasks properly and with satisfaction.

We are also very thankful to our Project Mentor **Mr. Yougansh Sharma** for his valuable guidance. His every word seemed as a precious advice to us. Due to sharing of his experiences of real world situations, we were able to manage the project smoothly. Because of his support and enthusiasm we used to get inspiration to do work. Also in the process we learnt other technical and non-technical things from him and we consider ourselves to be very fortunate to have such Project Mentor.

We would like to thank all administrative people for making our stay here in IIT Bombay a pleasant memory and for all other administrative help.

Finally we also like to thank all other colleagues working in different projects for helping us at small problems as well as critical junctures.

ABSTRACT

The application aims to develop Interactive Lessons for students through which they can learn, understand, practice and evaluate themselves. It provides flexibility of studying anytime, anywhere, and at one's own pace. The application is named 'myPoint' which also works as an aid in teaching. It enables taking assignments, conducting inbuilt tests by teachers. It also provides functionalities which help students to explore respective lesson beyond the scope of textbook.

Education always holds the key towards success. One of the drawbacks in Indian society today is a variation in the quality of education, depending on the wealth, or lack thereof, in particular areas. Education standards were hoped to be increased a decade back, perhaps the biggest concern now is the availability of resources. Due to an augment in job opportunities, teaching has become a secondary interest consequently lesser student participation at schools. This being one of the biggest concerns in India, Our Project Team decided to bend the rules of teaching and provide student with means for self-learning through electronic teaching. We use the Aakash tablet as, in the future, the desktop and laptop computers will be replaced by more portable forms like tablets moreover Aakash is the cheapest tablet available, its popularity is much higher and is easily affordable by everyone, we aim at using this technology extensively in the learning process.

Thus, having this objective we started our project to meet the needs of under privileged students. Hence we attempt to raise the level of education available to the students.

The application "Interactive Lesson Learner - MY POINT" targets the 9th standard maths syllabus of State/CBSE/ICSE boards (particularly Maharashtra State Education Board), to learn Cartesian Coordinate System in a simplest and interactive way.

Interactive Lesson Learner – My Point is an Open Source software. Therefore it is going to be freely available to a massive number of students & teachers.

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