Scide | Statement of Work

This document details the modules that have to be completed for Scide to work as a fully functioning web portal. These modules can be developed independently and later integrated with each other to form a seamless design and functionality. The objective is to get the final website up and running by the end of August, 2014. The various modules are as follows:

# Design of the Home Page and User Dashboard (Done)

Design the home page of the website, the way the user dashboard will look, the functionalities listed out and the user experience. This will be an iterative approach as the design might be changed in the future.

# Generation of HTML, CSS, JS

Once the PSDs of the design are ready, the next step is to convert them into usable HTML and CSS, along with any other scripts that are necessary. It is advisable to make response design. Use of a front end Javascript framework like Angular, etc. can also be made to keep the design modular. The HTML and CSS pages that have to be designed are as follows:

* **Home Page:** This includes subpages for sign-in, sign-up, forgot password page, reset password.
* **User Dashboard:** This is an overview of what the user will encounter after he logs in.
* **Profile Page:** This will include information about the user, his areas of interest, etc.
* **Project Page:** This will list all the current projects on Scide
* **Post a Project:** This will be a form that the user has to fill up for posting a project on Scide

# Backend Database Model

The database model, which stores all the information available on the website, has to be stored in object models and connections between them have to be made. This will make the flow of information and data clear. Right now, it has been decided to use MongoDB as the database.

# Backend Development

The back end server development has to be quick and scalable. This is why it has been decided to use NodeJS as the backend development tool.