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| Supervisor: | Mr. Rabin Regmi |
| Title: | Virtual Class Room |
| Primary Area: | Web Application development |
| Platform: | Platform independent |
| Primary OS: | Unix (Ubuntu) |
| Primary Technology: | Ruby on Rails (RoR), Various Ruby Gems, CoffeScript, Bootstrap ,mysql, sqlite, postgrace etc. |
| Users: | School/College, Student |
| Description: | The web application will be developed using Ruby on Rails. This web application will contain three users they are Admin, Teachers, and student. Admin will register teachers and student, each teacher will be assigned by specific modules. Teacher will be able to post or upload assignments, lecture slides, push notifications, view students work and grade them. Student will have their own portfolio where they can view their progress and be able to upload their assignments view assignment deadline. This will reduce the use of papers and standing in long queue to print the assignment. All the function done by the students and teacher will be viewed by the admin. Student will also be able to download the materials uploaded by the teachers.  If college grant me to access the DB. The web will be added to the college profile so that the students can directly access this from the college page. The live streaming facility will be added. |
| Scope of the project | The project is for school and college for online submission of the assignment and reminder this will reduce the time and resources of both college and student. |

**Project Approval Form**

This form indicates that the student making a project proposal has discussed the idea for an honours level project with a member of staff who would act as project supervisor.

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| Student id number: 14047145 | Name of student: Umesh Prasad Kafle |
| Degree title: BSc.(Hons) in Computing | |
| Proposed title of project: Virtual Class Room | |
| Short description of project  The web application will be developed using Ruby on Rails. This web application will contain three users they are Admin, Teachers, and student. Admin will register teachers and student, each teacher will be assigned by specific modules. Teacher will be able to post or upload assignments, lecture slides, push notifications, view students work and grade them. Student will have their own portfolio where they can view their progress and be able to upload their assignments view assignment deadline. This will reduce the use of papers and standing in long queue to print the assignment. All the function done by the students and teacher will be viewed by the admin. Student will also be able to download the materials uploaded by the teachers.  If college grant me to access the DB. The web will be added to the college profile so that the students can directly access this from the college page. The live streaming facility will be added. | |
| I confirm that I have discussed the ideas for my final year project with a lecturer who would supervise my project. | Signature of supervisor:          Date: 20th September 2016 |