**ABSTRACT**

This internship report contains the details of the activities carried out during the internship

conducted at Cygnus Tech Private limited, Kathmandu, Nepal. It was a real time work experience at Cygnus Tech. I had chance to learn about the system development aspect, agile workflow and the

client support system. I was able to gather a lot of knowledge and experience from our mentor and

other professionals. It also taught me on how to work in a group and be an efficient team member.

Web based applications are very popular in recent days. This type of application is popular because

it doesn’t have to be distributed and installed on the client’s computer. It is very easy to update

and maintain web applications. In terms of accessibility, this type of application can be accessed

from anywhere, anytime from any device supporting internet connection.

I was assigned to develop and handle backend platform using Django

framework. Our system is a assignment management system which takes assignments of the student user whereas the

assignment questions of the system is made by a teacher user. Our system informs the user about