

# Synopsis for Major Project

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**Date:** 19 January 2003

**Project Title:**

Email – Client with Hindi Support

**Project Guide:**

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**Project Team:**

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We propose to develop an Email Client performing the functions as described in the passages given below during our 8<sup>th</sup> semester as Major Project.

The Email Client will serve as any normal English based email clients like Outlook Express or KMail (though not providing the advanced features like spell / grammar check). But it would also provide facilities for sending and receiving mail in Indian Languages. We will work with Hindi for the time being in continuation with related efforts going on in the department.

Before we proceed to mention the features we plan to put up into the Software, here is a write up of the model of use we envision. Email has become the preferred mode of communication for many. But the problem of having to use English for Email is keeping many from accessing the Email benefits. Recently some Email services have started to provide Hindi and other Indian Language based Emails. The success of these services is the motivation behind the project. The development of this software can have commercial value by enabling an interested email service provider to start a Hindi Email service. Also it can be of major help to Non – English computer user base in India.

Now we mention the various features that we propose to put up into the software. The primary objective through out the project would be to make the Email client as simple to use as possible. We will provide access to email through POP3 and SMTP. The client will be capable of managing folders, composing and sending mails and other simple standard features offered by email clients like printing. Also the special features would be support of a Hindi Font. This requires considerable effort since we would be developing the software on Linux Platform. To add to the easy usability, a graphical interface for Hindi Keyboard will be provided for the users unaware of the Hindi Keyboard Layout.

Finally an Indian Language speech engine (developed at Language Technologies Research Center, IIT Hyderabad) will be used to enable the Email Client to read out the received or composed Hindi Emails.

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