Statement of Purpose

Website Testing and development for
Gujarat Informatics Limited

Submitted to
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Introduction

Gujarat Informatics Limited (GIL) office based in Gandhinagar, Gujarat is working to promote IT and accelerate the process of E-Governance in Gujarat state. Forest management Information System (FMIS) is one of the government website developed by GSWAN (Gujarat State Wide Area Network) and tested by GIL. FMIS contains many functions like details of forest produce, offence, report generation, decision support system, GIS module, PDA maps, etc. As website contains huge amount of real time data, this is very important to make website bug free. We are as interns of GIL, testing FMIS website as well as testing FMIS application on mobile device also. Testing of one module in GSRTC website is also done by us.

Place of Internship: Block No. 1, 8th Floor,
Udyog Bhavan, Sector - 11,
Gandhinagar - 382010, Gujarat.

Objectives

- Understanding the software requirement specification and testing of website according to the SRS.
- Find bugs in the FMIS and GSRTC website and mobile application of FMIS developed by GSWAN and remove the bug
- Report generation

Methodology

- Website Testing

FMIS, GSRTC and FMIS application on mobile are tested by us. For that we have to first understand software requirement specification. Then testing part is done. For PDA application testing, we had visited the office of forest department in Rajpipla district.

- Finding and fixing bugs & New module Development

At last we fix the bugs found in testing phase. Some bugs might not be resolve by us. We have send back that to developer team. Whenever they fix them, develop new modules and again testing part is done.

- Report Generation

After testing the website, we have to make a report on that. Report provides all information about website testing. It gives detailed information about number of bugs and number of fixed bugs as well as remaining bugs.
Expected results

- Fully functional website without bugs (Testing of Developed Application)
- Develop new modules (Development)
- Fully functional GPS and GIS based mobile application (Implement GPS,GIS Technologies)