WOMEN ENPOWERMENT

Platform to socially aware women

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Lazy Team

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UET Lahore

Team: Lazy Team

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# ABSTRACT:

# PROBLEM OVERVIEW:

# Functional Requirements:

* System can keep record of users and update regularly.
* System can create account of users using both SMS and Web.
* System can send subscription options to Users who create the account for further registration to particular section.
* System can keep record of users commenting on the forum and keeps track of answers so that when a particular user answers some one’s query than other person is informed through SMS.
* If the user is login than he can view all the pages and can logout from his account any time.
* System sends regular SMS to users who subscribed to the service on their cell phones and provide unsubscribe option too.
* System can check for queries send by Users in SMS is in provided format if not than displays error message.
* If a user subscribe to Urdu SMS service than system can translate particular tips or data to be sent into URDU and send that.
* System can generate monthly reports of Violence Cases for further processing.
* System should check that user is entering valid information at the time of signup so no further confusion occurs.
* Validation is done to verify correct CNIC so that when user registers the system can verify that account has been created by the women.
* When a User reports an issue the System can check her option and send her data to relevant NGO, Police or send information about the Consultant.

# Non Functional Requirements:

## Username and Password protection:

User accounts are safe. Only that user can view details who enter correct username(Contact Number) and password which she was entering in signup form. In case of losing cell phone he can still get his account back by subscribing again from different number and providing correct password and CNIC.

## Validation:

Information entered is valid. If user enter wrong information than system will detect error at that time (on spot). He can’t go to next step unless provide correct information like if CNIC is not in proper format than system generates error.

## User friendly:

It is always available and users can view all the details which she requires. She can get messages in URDU if she is comfortable with that. Moreover the SMS format is easy just 1 or 2 steps and you are done.

## Checks for Fake SMS/Wrong Format

When an SMS is received the system checks whether the complaint registered or the query asked is in correct format. If not then sends the correct format to user and ask her to send SMS again.

## Security:

Male User can’t view those pages on website which would only be viewed by login users.

# FEASIBILITY:

The system is feasible and cheap as it does not need any strong setup. The SMS sending and translation work is already done by us in our FYP so we have idea how to do it efficiently to manage fake SMS and invalid format etc. and CNIC verification is done using data matching from NADRA’s record to ensure only women can subscribe to the service.

# USE CASE DIAGRAM:

# 

# 

# Fig: Use Case Diagram (SMS side of WE)

# STORY BOARDING:

## Interface: