



**TWISTER MEDIA !**

*Making Life Simple*

[www.twistermedia.com](http://www.twistermedia.com)

*Technical Proposal of*

## **Dynamic Website Design and Development Including Android Apps Development**

*for*

**Access to Legal Support for Woman & Child in Jessore  
District – Aparazita Jessore**



**TWISTER MEDIA !**



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## Introduction

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### Project Leader

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## Business Description:

Twister Media Technology Ltd. (TMT) is a Technology Solutions Company. TMT provides specialized technology consulting for all businesses and budgets. Our philosophy is that a sound technology strategy will simplify the way you do business. Our consultants provide a wide-range of web development, database, and network services designed to strengthen your business presence and communication systems.

Our mission is to make technology simple, accessible, and affordable. Don't allow your business to be slowed down by archaic systems; TMT eliminates technology obstacles, helping you to work faster and smarter.

## Scope of Work:

Design a website for Access to Legal Support for Woman & Child in Jessore District that allowing implementation of the brand system to be applied.

Develop a dynamic web site adding an Advanced Twister Web Content Manager so the contents may be updated in real time and tracked. This system will allow Access to Legal Support for Woman & Child in Jessore District administrators to manage all contents in easy to use administrative control panel, so they can update from online anywhere using a secure system.



## Technical Requirements & Support

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Twister Media will provide web & domain hosting. After that it will be charge in yearly basis including maintenance fee for the TWCM

The following are required in order for an online application to be fully functional.

- A Linux based shared/dedicated hosting server
- PHP 5.3 support
- MySQL with PHPMyAdmin

## Features for Website

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We propose an online secure solution that manage dynamic website of Access to Legal Support for Woman & Child in Jessore District. This application can be maintained at several levels of operations and privileges based on hierarchical fidelity.

- The design process will include feedback from the Access to Legal Support for Woman & Child in Jessore District and provide additional designs based on feedback
- The website will function in the back-end (for the Administrators).
- Twister Media will use advance web security for the sections.

*Following are the features for the website which will be available to administrative users:*

- Unique designs which represent Access to Legal Support for Woman & Child in Jessore District site with a Organizational look.
- Responsive web design which will ensure perfect visibility of all websites in Desktop, Smart Phone, Tablet and Mobile Devices.
- Friendly readable URL's like [www.aporajata-Jessore.org/about](http://www.aporajata-Jessore.org/about).
- Platform compatibility Windows, MacOS etc.
- Browser compatibility Google Chrome, Mozilla Firefox, IE (9+), Opera, Safari, Konqueror etc.
- System needs to have the facilitate to update contents.
- Use of HTML5, CSS3, JavaScript, Ajax, PHP, MySQL as the technology of foundation.
- Integrated document / file manager to upload documents directly onto website in original format.
- Integrated full-featured CK editor so that non technical user can update content just copy paste from word or other source.
- Google analytics will include in website.



## Proposed Website Module

### Home (Banner/Slider)

- Add and update home page slideshow photo.
- Master admin can add, edit, delete banner photo.

### Dashboard

- Dashboard for relevant user.

### Complain Management

- Victim can complain and check complain status.
- Master admin can add, edit, delete complain.

### User Management

- Listing of NGO, Panel Lawyer, Salish Committee and their profile And activity.
- Master admin can add, edit, delete user.

### User Role Management

- Master admin can define and manage all users role.

### Notification Management

- Can manage complain and case related notification.
- Master admin can add, edit, delete notification.

### Android Mobile App

- User can submit complain, case search, view case status and see FAQ.

### Reports Management

- User can get required reports as needed.

### Search Management

- User can search relevant case or others.



## Proposed Website Administrative Structure

Administrative functions will be divided into the following areas:

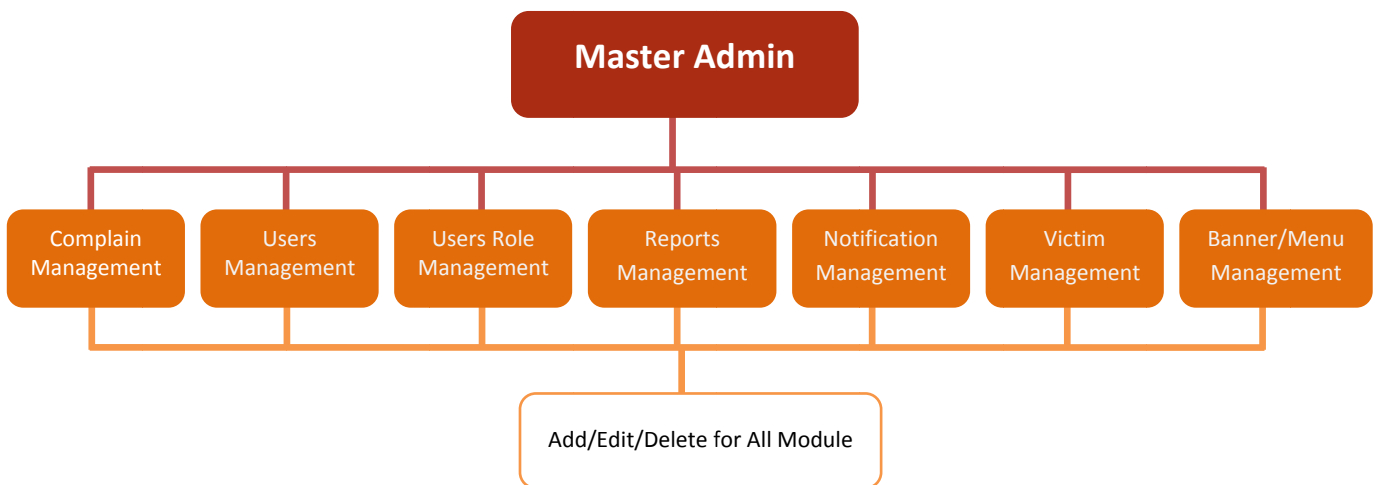
- **Master Admin**
  - They will have full access to every section of application functions module.
  - **They can add/edit/delete any content**
- **Advisory Group Admin**
  - They will have access to define section of application functions module.
  - **They can view all and can comment.**
- **Users Group Admin**
  - They will have full access to define section of application functions module.
  - **They can add/edit/delete as their permission**

## Proposed Website Administrative Diagram

### Access Level

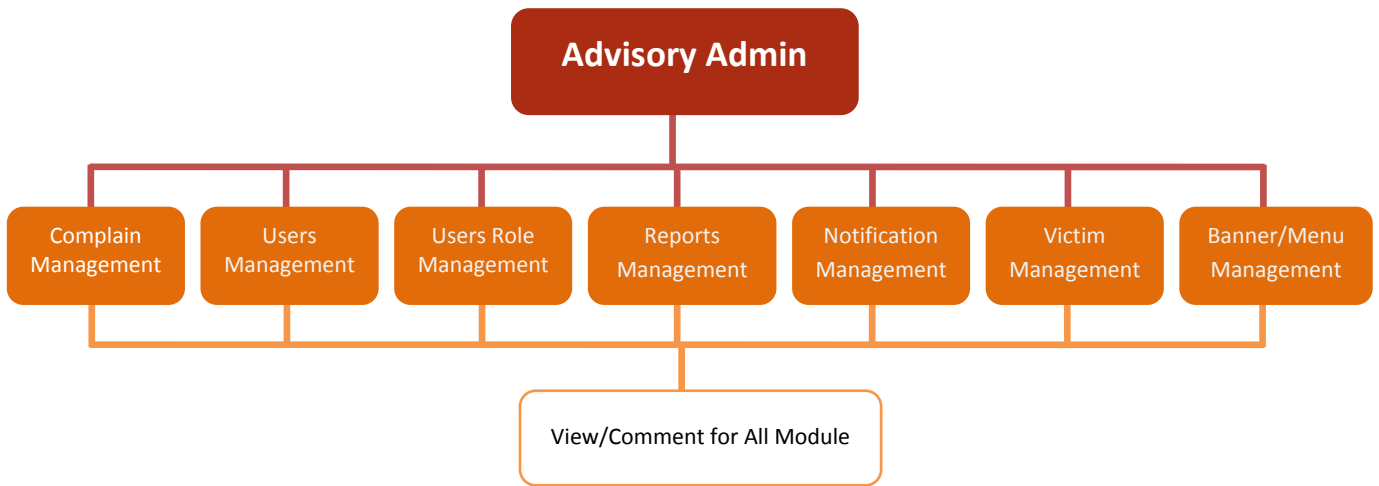


### Master Admin Work Flow:

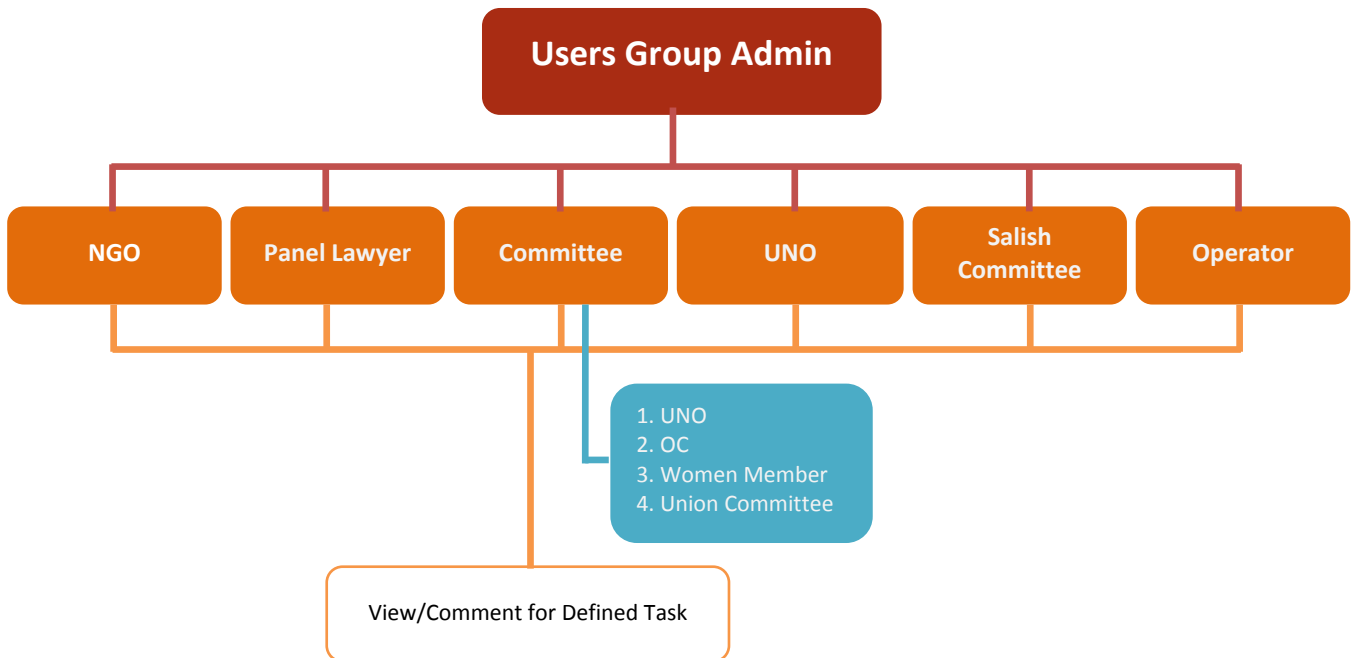




## Advisory Group Admin Work Flow:



## Users Group Admin Work Flow





## Estimated Project Timeline

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### Developing Time

1. **Analysis**  
5 - 7 business days to retrieve analyze Access to Legal Support for Woman & Child in Jessore District Website and functionality.
2. **Phase 1: Design & Functionality**  
5 – 7 Business days for the designing & functional development of front end user interface. We will work with Access to Legal Support for Woman & Child in Jessore District to finalize.
3. **Phase 2: Application Development**  
15 - 20 Business Days to develop full functionality.
4. **Phase 3: Application Testing and Functional Updates**  
7 - 10 Business Days. During this time, we will work with client to test and make changes.
5. **Phase 4: Rollout**  
3 – 5 Business Days. We will make application live.

### Other Time Lines

- Additional Time will be included for the training of the Access to Legal Support for Woman & Child in Jessore District Users, selected by the Access to Legal Support for Woman & Child in Jessore District Authority.
- Any other module requirement by Access to Legal Support for Woman & Child in Jessore District authority will require extra timeline beside this proposal.

## Hosting Information

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- Required Disk Space
- Unlimited Bandwidth
- 100 E-mail Account
- 24x7 Email, Web-based Tech Support
- Shared SSL Certificate





## Proposed Methodology

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### Generally Followed

#### Project Development Approach

##### *Stage 1*

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#### Discovery

For any type of Project Development and successful Deployment, the primary goal of is to disseminate the information accumulated through the course of EOI requested by the client.

The generally followed project development approach contains Web/Software based Application & Development methodology which includes seven main sections that represent four main areas: a home page, section for each of the 4 main questions answered by the practices, a listing of the entire company's profiled and internal glossary.

#### Business Analysis

Based on our review of client requirement analysis we recommend that the site be built using a dynamic web engine. We also recommend that you utilize the Twister Content Manager (TCM) so that you can keep your site managed in-house without needing additional help from a developer which reduces any added expense.

#### Technical Specifications

We recommend several application platforms including Php, Active Server Pages and ColdFusion, A larger percentage of the site would be database driven, and would involve a simple Database Management System.

We provide TWCM (Twister Web Content Manager) as an option for your benefit. This is a back-end module that would let you maintain your web portal from an administrative access panel, without the need of a professional application developer. Anyone who can use a general web portal will be able to use this tool.



## Stage 2

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### Initial Design

Our design process includes the following steps:

- **Create Site Architecture**  
Draw a model of the site structure that can later be modified for updates/upgrades.
- **Create Database Architecture**  
This will illustrate how information will flow in and out of the database, and what functionalities will be involved.
- **Build Static Module**  
Create three initial design templates. The templates will include graphic accessories and visual layout. Throughout the process of building the module we will identify the most efficient ways for users to navigate the site.

### Final Design

After the client approval of the designs we will start going to the Developments.

## Stage 3

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### Development

After final approval from the client, we will build the site according to the agreed upon design.

- **Create Static Pages**  
The approved design will be changed to Html format for web-functionality.
- **Create Dynamic Extensions:**  
This involves the following process:
  - 1) **HTML conversion to PHP pages**  
Create the initial document/menu templates.
  - 2) **Database development**  
Create the database for the entire site.
  - 3) **Module development**  
Create all of the necessary back-end tools (i.e. the Twister Web Content Manager, a news article management system, or a event management systems).
  - 4) **Dynamic Pages**  
Create the final dynamic pages that connect to the databases and retrieve the necessary information.

### Rollout and Testing

We test the site on our own server and then test it in an unpublished folder on your server, using live information. This will enable you to test the general look and functionality of the site.



## Demonstration

We will create a demo section for you where you will be able to test the site and request any final changes.

## Clean Up

Before handing the site over to you we will clean up any test information used anywhere in the site during the test runs and demonstration.

## Documentation

TM will provide a Project Plan, Process Documentation, Technical Documentation and Training Materials within the agreed upon timeline. Upon completion of the Project, a copy of the site will be delivered to the client via CD-Rom.

## Stage 4

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### Publication

We will also publish and troubleshoot the site on your server.

## Stage 5

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### Maintenance and Servicing

- Twister Media offers two different types of servicing plans. One is based on a minimal monthly fee for a specified number of hours of troubleshooting. The other servicing plan is based on an hourly rate for any troubleshooting required for the site. Regardless of the service plan you choose, you will find that Twister Media is very flexible in meeting your service and maintenance needs.
- Any additions to the published site will require a new quote and contract.
- After publishing the site, Twister Media will provide you with five hours of complimentary troubleshooting of the site, as it exists on the day of publication. These hours will not include any changes or additions to the site.



## Terms & Conditions

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- All the prices might change after 7 days of submission of the proposal.
- Half of the estimated projected cost must be paid with the work order.
- Installation Charge of the developed system is Free. Twister Media will install & deploy the web based application System.
  
- Web portal hosting will be maintained and managed by Twister Media for 1 year from the date of work order. After 11 months renewal is require for the hosting and Domain name.
  
- Twister Media will provide service and support for one year for the Twister Content Management Solutions (TWCM).TWCM requires renewal of its services after 11 months from the date of the work order.
  
- Any new addition to the site module will be considered as separate developing cost.
  - Additional components other than the ones provided and requested initially will cost extra.
  - Additional changes to any existing components will cost extra.
  - Any design modifications requested after the design approval stage will cost extra.
  - Any Additional contents insertion or restructuring/ reformatting will cost extra based on the additional contents.
  
- Twister Media holds the copyright the design, the flash files and the software (TWCM). Client **cannot** reuse these on any other web portals, servers, and domains.



## Twister Media Portfolio

Please visit <http://www.twistermedia.com/>.

Some of our logo design can be viewed at: <http://www.twistermedia.com/designs/>

Beside that we have done several Organizations Corporate profile and Print Media Production:

 ICIC – Initiative for a Competitive Inner Cities	 Save the Children	 YWCA	 Gazi Communications
 Plan Bangladesh	 USAID- JFA	 United International University	 Dhaka City Corporation

### Some of the Web Application Clients

<b>Solve-A-Thon Program</b> <a href="http://azi.pmo.gov.bd/solve-a-thon/">http://azi.pmo.gov.bd/solve-a-thon/</a>	<b>Ogniroth Studio</b> <a href="http://www.ogniroth.com/">http://www.ogniroth.com/</a>
<b>BUBT</b> <a href="http://www.bubt.edu.bd">www.bubt.edu.bd</a>	<b>United International University</b> <a href="http://www.uiubd.com">www.uiubd.com</a>
<b>Forethought PR</b> <a href="http://www.forethoughtpr.com">www.forethoughtpr.com</a>	<b>Hamdard University Bangladesh</b> <a href="http://www.hamdarduniversity.edu.bd">www.hamdarduniversity.edu.bd</a>
<b>USAID's Justice for All Program</b> <a href="http://www.justice-bd.org">www.justice-bd.org</a>	<b>Gazi Communications</b> <a href="http://www.gazicom.com">www.gazicom.com</a>
<b>Khulna City Corporation</b> <a href="http://www.khulnacity.org">www.khulnacity.org</a>	<b>Illuminations Art Glass</b> <a href="http://www.illuminationsartglass.com/">www.illuminationsartglass.com/</a>