



University of Information Technology and Sciences

Project Report

Course code: CSE 356

Course Title : Software Engineering And System Analysis Lab

Project Title: Corruption Control Website

<u>Submitted By</u>	<u>Submitted To</u>
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Summary: Through the website we can control the costing of every food products except packaged food. The authority of the website will update the costing regularly as per government instructions and add weekly, monthly, yearly graphs to check the up-downs of the prices. It'll help us control price variations of different locality and districts. Updated information of the relief from government will be found easily in any area on our website.

Key terms:

1. Price regulations
2. Market consistency
3. Real-time price updates
4. Government pricing
5. Corruption prevention

Problem:

1. Difficult to control Database
2. Long delayed
3. Must need Internet access

Uniqueness:

1. Locality specific pricing: The platform allows for precise control of food prices at local level.
2. Price stability: It helps stabilize food prices, preventing drastic fluctuations that can negatively impact consumers and local economies.
3. Maintain transparency: By allowing users to control & view up-to-date pricing the website empowers consumers, vendors and local authorities to make informed decisions and maintain transparency in food market.

Objective:

1. Ensure fair pricing
2. Promote transparency
3. Reduce price disparity
4. Enhance market stability
5. Support government policies
6. Empower consumer & vendors
7. Facilitate local management

Proposed Solution:

Our team approaches every problem with dedication. When a challenge arises, we thoroughly analyze it, identify the root cause, and develop the most effective solution.

Project Methodology:

- Timeline: whole Semester
- Resources:

Physical resources

1.Human

2.Computer

Software resources:

Frontend:

- Technologies: HTML5, CSS3, JavaScript(React.js)
- Library: React.js
- Features:User-friendly interface, district selection, price filter by time period

Backend:

- Technologies: Django
- Security: Multi-factor authentication for admins
- APIs:Real-time data updates

Database:

- Type: MySQL
- Data:Prices, districts, complaint details, admin logs

Evaluation:

User Experience (UX): Conduct usability tests with real users to identify any issues in navigation, search functionality, or overall design.

Mobile Responsiveness: Ensure the website performs well on different devices, including smartphones and tablets.

Price Update Accuracy: Regularly test the accuracy of real-time price updates to ensure they reflect the latest government data.

Sustainability :

- 1.Ensure strong security system to prevent cyber attacks.
- 2.Regular updating the website.

Team Work Distribution:

1. Name: Md Shakib Ahamed

ID: 2215151130

➤ **JAVASCRIPT + Python + Anything in between when needed.**

2. Name: Md.Omayer Hasan Muhit

ID:2215151135

➤ **HTML**

- 3.Name: Sayeda Ferdoushi Islam

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➤ **CSS**

- 4.Name: Rawnak Tasnim Ruku

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➤ **PHP+SQL**

References: This is our own idea. So we have no references .