Management and Computer Consultants

Case Study: Post Publication Scrutiny

2015

Client: West Bengal Council of Higher Secondary Education

MCC Background

MCC started developing software way back in 1975 when the term MIS was used. We have seen the different generation of computing right from Mainframe to Mobile. Adapting to new technology and our length of relationship with customers have been our greatest strengths. The testimony to this lies in the fact that Berger Paints has been our customer since 1975.

Client Background: The West Bengal Council of Higher Secondary Education

The Government of West Bengal has established the West Bengal Council of Higher Secondary Education, under West Bengal Council of Higher Secondary Education, Act 1975. The council is the main body which looks after the education system in the 10+2. The council has its main office at Salt Lake, Bidhannagar, Korunamoyee, Kolkata along with 4 regional offices.

Project Overview:

Candidates appearing for Higher Secondary Examinations have the option of applying for post publication scrutiny for subjects they are unsatisfied with. Based on the subject the candidates are charged a certain amount.

Business Challenges:

- Manual tracking of the entire process for processing of post scrutiny.
- Reconciliation of Payment for PPS.
- Ease of students in applying for the PPS process.
- Online and Offline Payment.

Requirement Assessment:

MCC technical team sat with the WBHSCE team and understood the issues which they were facing.
Based on the needs a requirement assessment document was prepared which included the following:

1. **Information to be captured from students for PPS process.**
2. **Subjects which would appear based on name and institute.**
3. **Payment process using offline challan and online based system.**

Once the requirement assessment was given sign off the project got kick started. Post sign off there were meeting with client to ensure smooth delivery and the application got tested rigorously before it went live.

Solution Features:

Entities Involved: Student and User Administration.
Platform: ASP.Net and SQL.

Filling up form:

- Candidates fill an online form which involves mobile number, email id.
- After which roll number and mark sheet details are entered.
- Based on the same then name, institute and subject details appear.
- Subjects can be selected for scrutiny or review and total amount appears at the bottom.
- Summary then appears and candidate has to select payment mode cash or NEFT and click submit.

Offline Payment Challan Based System:

- Based on the above information an above challan is generated.
- The candidate then goes to the bank and makes the payment with the particular challan.
- Based on their payment the bank updates the status in our database
- After application cutoff date MCC uses updated data for further processing.

Online Payment System:

- Candidates log into system using username and password.
- Payment via NEFT.

Benefits

1. **Fast processing of PPS applicants.**
2. **Client got rid of manual paper work and the process of scrutiny to work on PPS cases.**
3. **Payment collection and reconciliation.**
4. **Online and Offline Payment.**