ISLAMIC UNIVERSITY OF TECHNOLOGY
A SUBSIDIARY ORGAN OF ORGANIZATION OF ISLAMIC COOPERATION (OIC)

IUT ADMISSION TEST MANAGEMENT SYSTEM

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Team ID : 03

Zahin Raidah Maisha (170042032)

Nafisa Mehjabin (170042033)

Khandaker Rifah Tasnia (170042042)

OVERVIEW

Our project is IUT admission test management system. It takes all the steps of the entire admission test procedure into account and manages all the steps efficiently.

PROGRAMMING LANGUAGES AND SOFTWARES

- Programming Language : PHP
- Web designing Language : HTML, CSS, JavaScript
- Database Management System : MySQL
- Framework: Laravel

FEATURES

Features are separated in two segments.

Applicant's panel :

- Apply for admission:

  Bangla medium and English version students can apply easily by giving their SSC and HSC details. English medium students need to submit scanned copy of their academic documents.

- Applicant's login:

  After confirmation students will get a pin and password to login to their profile.

- Payment:

  Applicants can complete their payment after paying through Bkash/nexus/rocket (if we can manage connecting api of Bkash and make a demo within this semester otherwise it'll be our backup plan to do in future).

- Shortlist:

  After scrutinizing applicants can see if/she is shortlisted or not in their status page.

- Admit card:

  Short listed candidates can download their admit card from their dashboard.

- Seat plan:

  Candidates can see where their seat is.

- Merit list:

  After admission test candidates can see their merit position in the status page (if we can manage sorting with time within this semester otherwise it'll be our backup plan to do in future).

Admin panel :

- Turning off application:

  Admin can set the deadline and after deadline has passed admin can lock the apply page url so no one can get access.

- Shortlist:

  Admin will give input of applicant's final grades after verifying them. After that admit will give input of total number of applicants. Applicant's list will get sorted according to their grade. Then the first x number of students will get shortlisted.

- Merit list:

  Admin will give input the marks of the admission test manually and then the merit position will get auto generated by getting sorted according to the marks.

UI MOCKUP

We have attached a PDF "Mock Up UI of IUT admission system.pdf" with this document, which has the demonstration of our UI design.

- The first page shows the "Apply Now" page of the web application. Any visitor to our site will land in this page first. There is a side bar which includes options go to the main website of IUT, also allows us to navigate to pages regarding procedures and notes. It also includes the link to the Applicant's Login page.
- Page two shows the personal information of the Applicant, including images, address, academic background etc.
- Page three, the user will provide the SSC and HSC information (for Bangla Medium and English Version students).
- Page four shows the procedure to submit necessary transcripts and certificates for English Medium Students.
- Page five is a preview, where the applicant can view all the necessary info before confirming registration.
- After confirmation, page six will show the final page with all the info.
- Page seven is a pop-up window, which shows that registration is confirmed and the password and login PIN into their provided email and number.
- Page eight shows the applicant's login. If the applicant forgets their password, they can contact admin panel for a new password.
- Page nine is a picture of the dashboard. Here, all the information is displayed.
- Page ten shows the payment window. Payment can be done by bKash, Rocket, DBBL etc. after completion, the applicant will input the transaction ID. The admin panel will match it with the provided transaction ID.
- Page eleven is another pop-up window, that confirms payment.
- After payment is complete page twelve shows the Payment status.
- Page thirteen, fourteen, fifteen shows the status of procedure completion so far.
- Page Sixteen shows the Admin's login, which we will further develop.

We haven't completed the full UI of admin panel yet, as it may need to be changed.

FUTURE PLAN

- Connect with Bkash magneto extension (plugin) for making a demo procedure of payment process.
- Subject allocation with given merit list.
- Call for admission.
- Auto Migration process.
- Admission procedure for international students.

TIMELINE

- July – mid of August : Research on Laravel framework
- August - mid of September : Apply Login Page
- September - mid of October : Separating admin panel
- October - November : Admit Card Generation, Result publication

HOW IT'S BETTER?

Applying for admission in a University is quite a hectic task. Our Management system contributes a lot in making this process easier. Through our system, admin can get the full control of the admission test process and applicants can easily register and know about their current standings.

Here admin will have the flexibility to make moderations into rules and regulations without the help of the programmer.