



**ITC 221 - APPLICATION DEVELOPMENT AND EMERGING TECHNOLOGIES**  
**PROJECT PROPOSAL**

**TEAM MEMBERS:**

1. Gonzales, Icon Zeus R.

2. Batac, Alan Michael

<b>PROJECT TITLE:</b>	<b>iSCHO: Integrated Scholarship Application &amp; Management Portal</b>
<b>PROJECT DESCRIPTION:</b> <p>The <b>iSCHO: Integrated Scholarship Application &amp; Management Portal</b> is a digital platform designed ideally for institutions to manage scholarships more efficiently. It allows students to submit applications, monitor their scholarship status, and explore funding opportunities. The system provides tools for administrators to process applications, verify documents, and select candidates transparently. As both Applicants and Administrators face difficulties in paper works, complex procedures, busy schedules and miscommunication, this system aims to reduce those said difficulties connecting students with institutional funding and making financial support more accessible</p>	
<b>PROJECT FEATURES:</b>	
<b>1. Login and Sign-up Features</b> <ul style="list-style-type: none"><li>- Users will have different features that they can access based on their role, Applicant and Admin.</li></ul>	<b>6. Automated Email Integration</b> <ul style="list-style-type: none"><li>-a communication feature that automatically sends notifications, updates, and reminders to the Email of students and administrators.</li></ul>
<b>2. Centralized Application Portal</b> - Submission of Requirements will be online to easily track application status	<b>7. Password Hashing &amp; E-mail Auth</b> - to securely store user credentials and multi-factor authentication using email verification codes to ensure secure access to sensitive scholarship information and administrative functions.
<b>3. Document Management</b> <ul style="list-style-type: none"><li>- Secure document upload and storage</li><li>- Verification of required documents will be online too</li></ul> <b>4. User-friendly &amp; Mobile-Friendly Design</b> <ul style="list-style-type: none"><li>- Responsive layout for access on any device</li></ul>	<b>8. Application Statistics Dashboard</b> <ul style="list-style-type: none"><li>- Track total application and Monitor approval rates</li></ul>
<b>5. Notifications and Alerts</b> <ul style="list-style-type: none"><li>- In-app Notifications will provide real-time updates, alerts, and reminders through interactive pop-ups notifications where users can view important status changes.</li></ul>	



**TECHNOLOGIES TO BE USED:**

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| <p>1. <b>Communication Technologies - Integration Services</b> like Gmail SMTP a communication feature that automatically sends notifications, updates, and reminders to the Email of students and administrators.</p> | <p>2. <b>Cybersecurity - Password Hashing/Encryption &amp; E-mail Auth</b> to securely store user credentials and multi-factor authentication using email verification codes to ensure secure access to sensitive scholarship information and administrative functions.</p> |
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