

SCHEDOPT PITCH DECK

Discover the market potential, learn about our revenue model, and see how we've gained traction.

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OUR TEAM



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PROBLEMS



ADZU Secret Files ver. 2.0

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Crazy schedule

Sana maayos ng ao dean or dept chair ang schedule namin

First class is 7:30 -8:50
Tas next class yung 4:30pm - 6:00
Tas may 6:00pm - 7:30pm isa yan sa sample ng schedule namin online yung last 2

Gets ko na mahaba yung break pero parang hinde na namin ramdam pagiging estudyante namin HAHAHAHA

hirap kaya makinig ng online, hinde na nga engaging yung teachers and mahina pa ang net.

Some rin ng mga concerns ng student sa portal parang hinde rin napapansin 😢



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7am class

Hello, di na po ba talaga machange ang 7:30 am class schedule namin? huhuhuhu 7:30 am class tapos med surg, literal na blanko pa ang utak ko pagkapasok sa class, kahit 9am lang naman ok na 'yon wagggghhhhhh 😱😱😱



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BIG RANT

We get that AdZU may be understaffed for this school year, but I hope the Higher Ed has a system of monitoring all college classes, especially with the conflict in room assignments and delays in getting an instructor to teach a particular class. And yes, there are indeed classes from different courses who still do not have an instructor for one of their subjects (even though we are entering the 3rd week of classes already).

The delay may be a "resting time" for students, but imagine the amount of topics that can be covered already in the span of three weeks without such delays.

Parents and students did not pay increased tuition fees to experience these inconveniences.

OUR PROPOSED SOLUTION

O1



Value Proposition

- 1. Increased productivity
- 2. Optimized resource use
- 3. Conflict-free, organized schedules
 - 1. Automated scheduling algorithm
 - 2. Real-time conflict resolution
- 1. Faster scheduling, eliminating human errors
- 2. Seamless updates with minimal disruption

Customer Segment

- 1. Fast, reliable scheduling
- 2. Automated conflict detection
 - 1. Develop conflict-free schedules
 - 2. Fix scheduling issues quickly
 - 3. Maximize room use
- 1. Taxing manual scheduling
- 2. Complex constraints management
- 3. Errors create further issues

SCHEDOPT: MATHEMATICAL MODEL FOR ADZU

General Function:

$$\text{Max } Z: \sum_{n=1}^8 (2s + r)_n$$

Optimization of classroom usage per day:

For Small classrooms:

With a total of 141 classes, there will be 282 classes a week, **approximately 47 classes a day.**

$$\text{Max } Z: \sum_{n=1}^8 (2s + r)_n$$

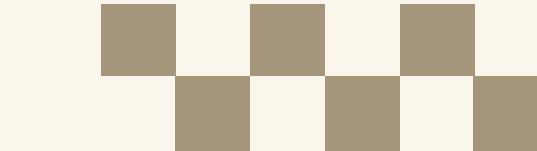
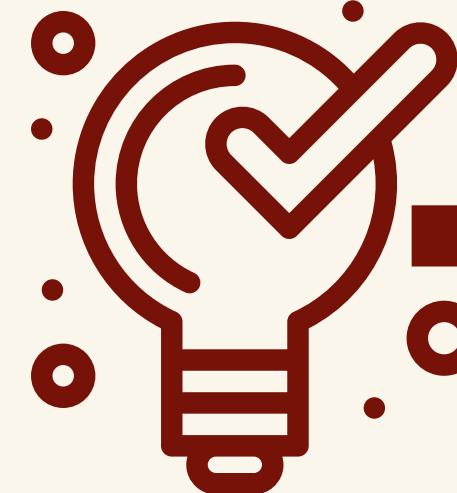
Subjected to the following constraints:

$$\sum_{n=1}^8 (2s + r)_n \leq 58$$

$$\sum_{n=1}^8 6(2s + r)_n = 282 \text{ (Required total classes (Tc) a week)}$$



03



OUR CHOSEN TECHNOLOGY

Initial Core Features

Precision Optimization

Data Import/Export

Drag and Drop Scheduling

Core Development Tools

React.js Framework & Lib.

CORS

Python

MySQL Database

Node.js

PYQT/QT DESIGNER

Express js

Axios

Flask



DEVELOPMENT PHASE

04

MILESTONE

October

VALIDATION

September

VALIDATION

November

PROTOTYPING

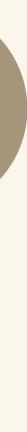
December

CORE DEVELOPMENT

January

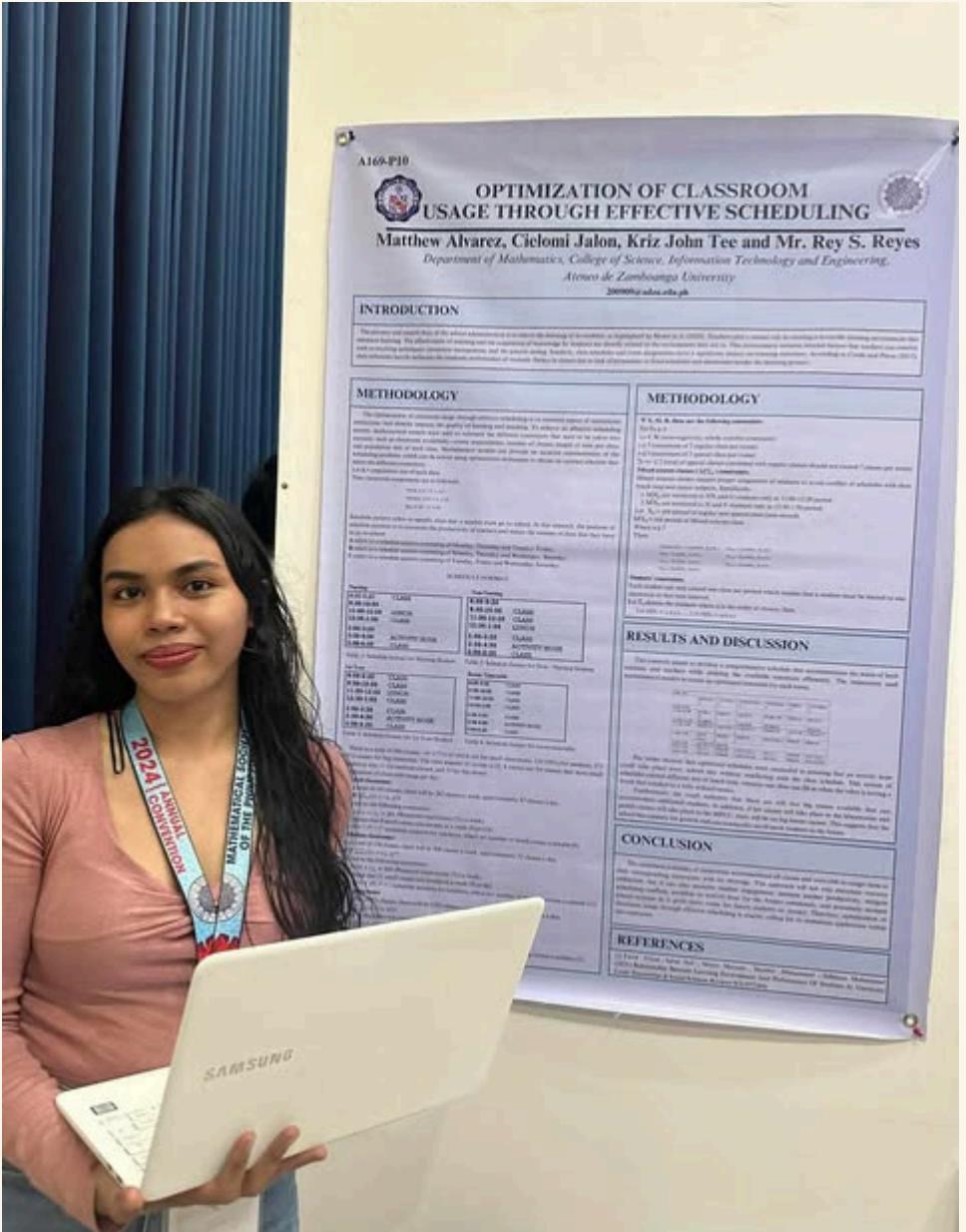
ADJUSTMENTS

WE'RE HERE



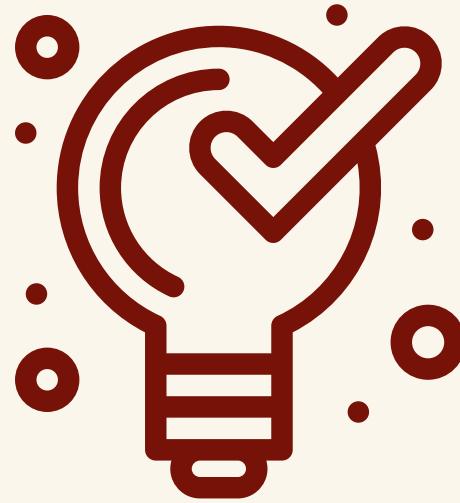
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MSP PHOTOS



CURRENT UPDATES

03



SchedOpt: Calendar

localhost:3000/calendar

Weekly Schedules

S.Y. 2024-2025-2

Type A Type B Type C

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:20 AM	ARTAPP-F BC402 - M	BEED5-A XH105 - TF	ACCLAW1-A BC305 - WS	ARTAPP-Q BC403 - MTh	BEED5-A XH105 - TF	ABMBC201-D XH106 - S
	ARTAPP-Q BC403 - MTh	BUSMAN106-B S303 - TF	ACCLAW1-C BC305 - W	BUSMAN107-A BC206 - MTh	CE118-A CELAB(CMT) - TF	ACCLAW1-A BC305 - WS
	BUSMAN107-A BC206 - MTh	CE121-A CELAB(CMT) - TF	ARTAPP-L BC402 - WS	CE118-A CELAB(CMT) - MTh	CE121-A CELAB(CMT) - TF	ARTAPP-L BC402 - WS
	CE118-A CELAB(CMT) - MTh	CONWOR-B LRC311 - TF	CS322-A ADVLAB - TF	CE121-B CELAB(DRAW - MTh	CONWOR-B LRC311 - TF	
	CE121-B CELAB(DRAW - MTh	CS322-A ADVLAB - TF	CIT007-A BASIC LAB - MTh	CIT007-A BASIC LAB - MTh	CS322-A ADVLAB - TF	
	CIT007-A BASIC LAB - MTh	ECONMAC-A S302 - TF	ECONMAC-A S302 - TF	CIT014-A ADVLAB - MTh	ECONMAC-A S302 - TF	
	CIT014-A ADVLAB - MTh	ELS08-A S305 - TF	COGNATECOURSE04-A C209 - MTh	COGNATECOURSE04-A C209 - MTh	ELS08-A S305 - TF	
	COGNATECOURSE04-A C209 - MTh	ENG121-E C404 - TF	COMMAN-A LRC303A - MTh	COMMAN-A LRC303A - MTh	ENG121-E C404 - TF	
	COMMAN-A LRC303A - MTh	EXTAUD4-C BC203 - TF	COSMAN3-D BC205 - MTh	COSMAN3-D BC205 - MTh	EXTAUD4-C BC203 - TF	
	COSMAN3-D BC205 - MTh	FFP2-DD C403 - TF	DEVTISS-A S301 - MTh	DEVTISS-A S301 - MTh	FFP2-DD C403 - TF	
	DEVTISS-A S301 - MTh	FFP2-T C311 - TF	EET121-A C205 - MTh	EET121-A C205 - MTh	FFP2-T C311 - TF	

25°C Mostly cloudy

Search

4:12 AM 2/7/2025

SchedOpt: Calendar

localhost:3000/data

Buildings

VIEW ROOMS

Bellarmino-Campion Building
16 Classrooms
Building Laboratories Classrooms
0 conflicts 21 Schedules

Canisius-Gonzaga Building
12 Classrooms
Building Laboratories Classrooms
0 conflicts 15 Schedules

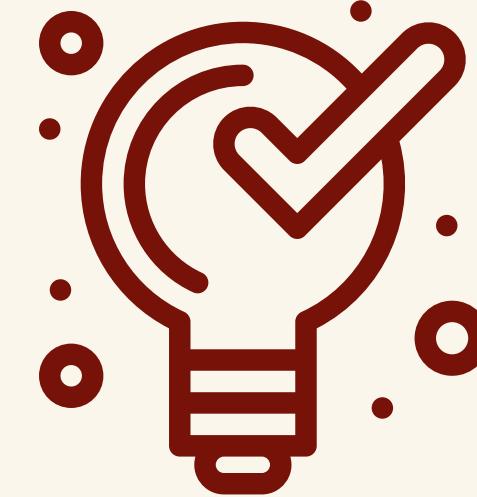
Learning Resource Center
7 Classrooms
Building Laboratories Classrooms
Tag 1 Tag 2 25 Schedules

Xavier Hall
6 Classrooms

localhost:3000/bellarmino-campion

CURRENT UPDATES

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SchedOpt: Calendar

localhost:3000/bellarmine-campion

Bellarmine-Campion Building

Buildings >> Bellarmine-Campion Building

BC203 BC204 BC205 BC206 BC304 BC305 BC306 BC307 BC308 BC401 BC402 BC403

BC405 BC406 BC407 BC408

Schedule for BC203

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:20 AM	FINMAN3-B - MTh	EXTAUD4-C - TF		FINMAN3-B - MTh	EXTAUD4-C - TF	
8:00-10:00 AM						
8:00-10:50 AM						

Dashboard

Calendar

Curriculums

Data

Settings

SchedOpt: Calendar

localhost:3000/bellarmine-campion

Schedule for BC203

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:20 AM	FINMAN3-B - MTh	EXTAUD4-C - TF		FINMAN3-B - MTh	EXTAUD4-C - TF	
8:00-10:00 AM						
8:00-10:50 AM						
9:30-10:50 AM	COSMAN3-C - MTh	FINMAN3-C - TF		COSMAN3-C - MTh	FINMAN3-C - TF	
10:00-12:00 PM						
11:00-12:20 PM	INTEGS6-A - MTh	INTEGS6-B - TF		INTEGS6-A - MTh	INTEGS6-B - TF	
12:30-1:50 PM	INTEGS5-B - MTh	BUSANA3-A - TF		INTEGS5-B - MTh	BUSANA3-A - TF	
12:30-3:20 PM						
1:00-3:00 PM						
2:00-3:20 PM	BUSMAN106-F - MTh	BUSMAN107-B - TF		BUSMAN106-F - MTh	BUSMAN107-B - TF	

Dashboard

Calendar

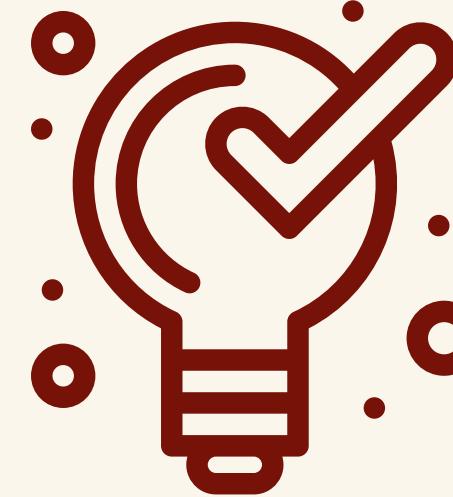
Curriculums

Data

Settings

CURRENT UPDATES

03



Student Data Room Data Schedules

Room BC401

	8:00-9:20	9:30-10:50	11:00-12:20	12:30-1:50	2:00-3:20
Monday	UNDSELF-O, ...	UNDSELF-Q, ...	SPIECO-A, ...	UNDSELF-S, ...	SPIECO-B, ...
Tuesday	SPIECO-E, ...	SPIECO-G, ...	SPIECO-I, ...	ARTAPP-A, ...	ARTA-B, ...
Wednesday	(8:00-10:50)-...	(8:00-10:50)-...		(12:30-3:20)-...	(12:30-3:20)-...
Thursday	UNDSELF-O, ...	UNDSELF-Q, ...	SPIECO-A, ...	UNDSELF-S, ...	SPIECO-B, ...
Friday	SPIECO-E, ...	SPIECO-G, ...	SPIECO-I, ...	ARTAPP-A, ...	ARTA-B, ...
Saturday	(8:00-10:50)-...	(8:00-10:50)-...		(12:30-3:20)-...	(12:30-3:20)-...

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Save

Student Data Room Data Schedules

Departments:

CSITE

Programs:

- AEET
- BSBIO
- BSBME
- BSCE
- BSCPE
- BSCS
- BSECE
- BSIT
- OCMATI

Syllabus:

Year	Semester	Course Code	Course Description	Units
1	1	BME111	Intro to ...	3
2	1	ENG102	Chemistry for ...	6
3	1	ENG111	Pre-Calculus ...	4
4	1	ENG112	Calculus 1: ...	3

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PRODUCT MARKET-FIT

Target market insight

- Ateneo de Zamboanga University: Early adopter
- Universities

Revenue Streams

- Initial Release (P80,000 Website & Desktop Application)
- Personalized Features (P700 per hour)
- System Update (P10,000 Every 3 Months) (Optional)



**THANK
YOU**

