


SCHEDULING SOFTWARE TOWN HALL MEETING

Office of the Registrar

October 18, 2019

AGENDA

- I. Introductions
 - II. Current Scheduling Challenges
 - III. Requirements for New Scheduling Software
 - IV. Project Timeline
 - V. Questions
 - VI. Feedback from Scheduling Community
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CURRENT SCHEDULING CHALLENGES

PROBLEMS WITH AD ASTRA




THE ANSWERS WE SEEK ARE JUST OUTSIDE OUR REACH

AD ASTRA

EXPERIENCE IT IN **IMAX**


CURRENT SCHEDULING CHALLENGES

PROBLEMS WITH AD ASTRA

- Performance Issues and data base size constraints
 - Not built for an institution the size of UConn
 - Performance bottlenecks during busy periods
 - Loss of key functionality
 - Breakdown of customer support from company
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CURRENT SCHEDULING CHALLENGES

DATA COLLECTION

- Proof process labor intensive and slow
 - No data entry guidelines for departments
 - Lack of transparency
 - Custom reporting not possible
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CURRENT SCHEDULING CHALLENGES

CLASSROOM UTILIZATION

- Can't provide feedback to departments about efficiency of classroom utilization
 - Can't meaningfully account for faculty and student preferences
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CURRENT SCHEDULING CHALLENGES

FINAL EXAMS

- Existing process largely manual
 - Lack tools to minimize student conflicts/bunched finals
 - Astra constraints
 - Frequently crashes
 - Unforgiving of small user errors
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CURRENT SCHEDULING CHALLENGES

EVENTS

- Can't support events with many meetings
 - Event scheduling process inefficient
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CURRENT SCHEDULING CHALLENGES

TECHNICAL

- Insufficient data structure
 - Lack of data management tools
 - Limitation of user maintenance and security
 - Inefficient and outdated integration methods
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REQUIREMENTS FOR SCHEDULING SOFTWARE

DATA COLLECTION

- Electronic entry form available to departments
 - Real-time feedback about standard meeting pattern and spread
 - Provide tools to assist departments in building schedule
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REQUIREMENTS FOR SCHEDULING SOFTWARE

CLASSROOM SCHEDULING

- More stable environment
 - Ability to handle larger volume
 - More robust optimization tools
 - Maintenance of historical data
 - More sophisticated reporting capabilities
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REQUIREMENTS FOR SCHEDULING SOFTWARE

FINAL EXAMS


- Minimize student/faculty conflicts
- Sophisticated optimization tool

The whiteboard displays a handwritten exam schedule. The left side shows a 5x3 grid for Monday (Dec 9), Tuesday (Dec 10), and Wednesday (Dec 11). The right side shows a 5x4 grid for Thursday (Dec 12), Friday (Dec 13), Saturday (Dec 14), and Sunday (Dec 15). The Thursday column is crossed out with a large red 'X'. Each cell contains a course letter and a student count. Totals for each day are written at the bottom of the columns.

	Mon Dec 9	Tue Dec 10	Wed Dec 11	Thu Dec 12	Fri Dec 13	Sat Dec 14	Sun Dec 15
8:00 - 10:00	O 6453	I 6285	K 3445		P 5301	Q 4888	-
10:30 - 12:30	B 3560	G 3076	L 1924		S 1095	Z 207	
1:00 - 3:00	C 2242	H 2235	M 2697		R/AA 222/1670	F 4001	
3:30 - 5:30	V 4827	D 4192	N 2170		U 5218	A 4625	
6:00 - 8:00	E 950	J 2051	X 6824		T 715	W/Y 872/707	
	18,000	13,500	16,000		14,000	11,000	


REQUIREMENTS FOR SCHEDULING SOFTWARE

EVENT SCHEDULING

- Electronic request form with workflow
 - More robust security model that allows more granular access
 - Better coordination with academic schedule
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REQUIREMENTS FOR SCHEDULING SOFTWARE

TECHNICAL

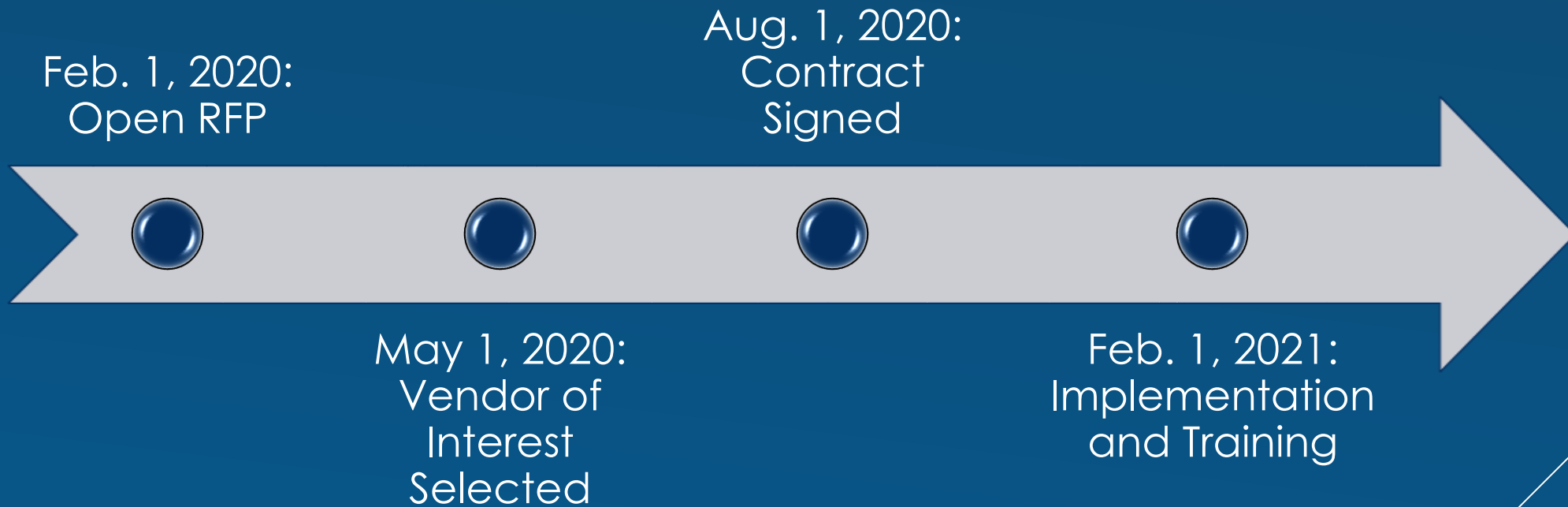
- Ability to leverage active directory to maintain users
 - More robust security model
 - Provides database management tools
 - Leverages current integration methods
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REQUIREMENTS FOR SCHEDULING SOFTWARE

POSSIBILITIES

- Course forecasting tools
 - Custom data dashboards
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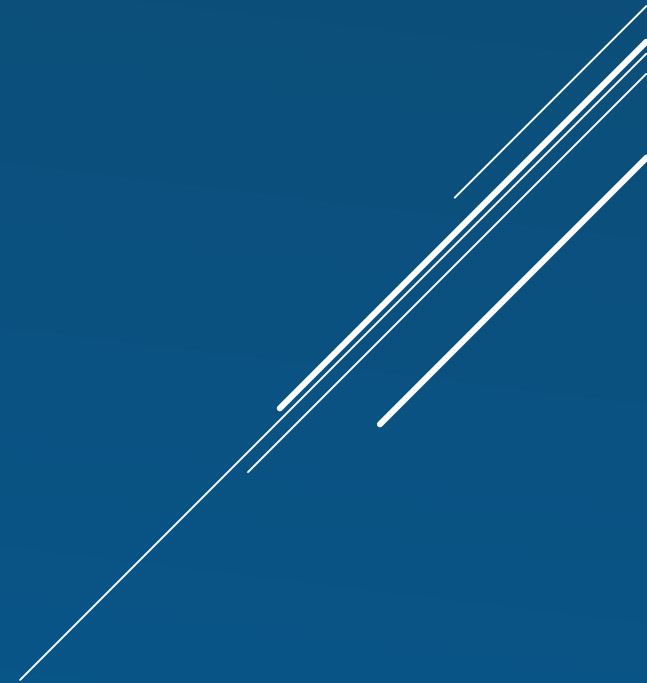
INITIAL PROJECT TIMELINE



RESOURCES

REGISTRAR.UCONN.EDU

- Link to recording of meeting
- Feedback form
- Copy of presentation



WE WANT TO HEAR FROM YOU

NEEDS AND WANTS

- Reporting and Data
- Security/Technical
- Academic Schedule Data Input
- Events
- Final Exams
- Other/misc.

