



SYSTEM DESIGN

IE477 - IE 478

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May 5, 2023



Outline

- IE478 Remaining Requirements and Finalized Dates
 - Last event: Project Fair
- Feedback



Remaining Requirements

- Booklet report (May 12)
 - Final report (Draft May 18, Final June 2)
 - Submission of the deliverables (company and Bluesky, June 2)
 - Poster for fair (Draft May 18, Final June 3, twelve pre-qualified groups)
 - One-page PowerPoint slide - a project summary (May 18)
 - Peer evaluation forms (June 2)
 - Fourth CC Meetings (June 12 and 14, eight finalists ann. June 15)
 - Project Fair (June 21, eight finalist rehearsal June 20)
 - Meetings with companies (your own schedule)
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Remaining Requirements

- May 12
 - booklet report
 - May 18
 - final report draft
 - poster draft
 - one-page PowerPoint slide
 - June 2
 - final report
 - submit deliverables (company / Bluesky)
 - peer evaluation forms
 - June 3
 - poster final
 - twelve pre-qualified groups
 - June 12, 14
 - fourth CC Meetings,
 - eight finalists announced
 - June 20
 - Project fair rehearsal of eight finalists
 - June 21
 - Project Fair
 - June XX
 - Meetings with companies (schedule yourselves)
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June 2 Deliverables

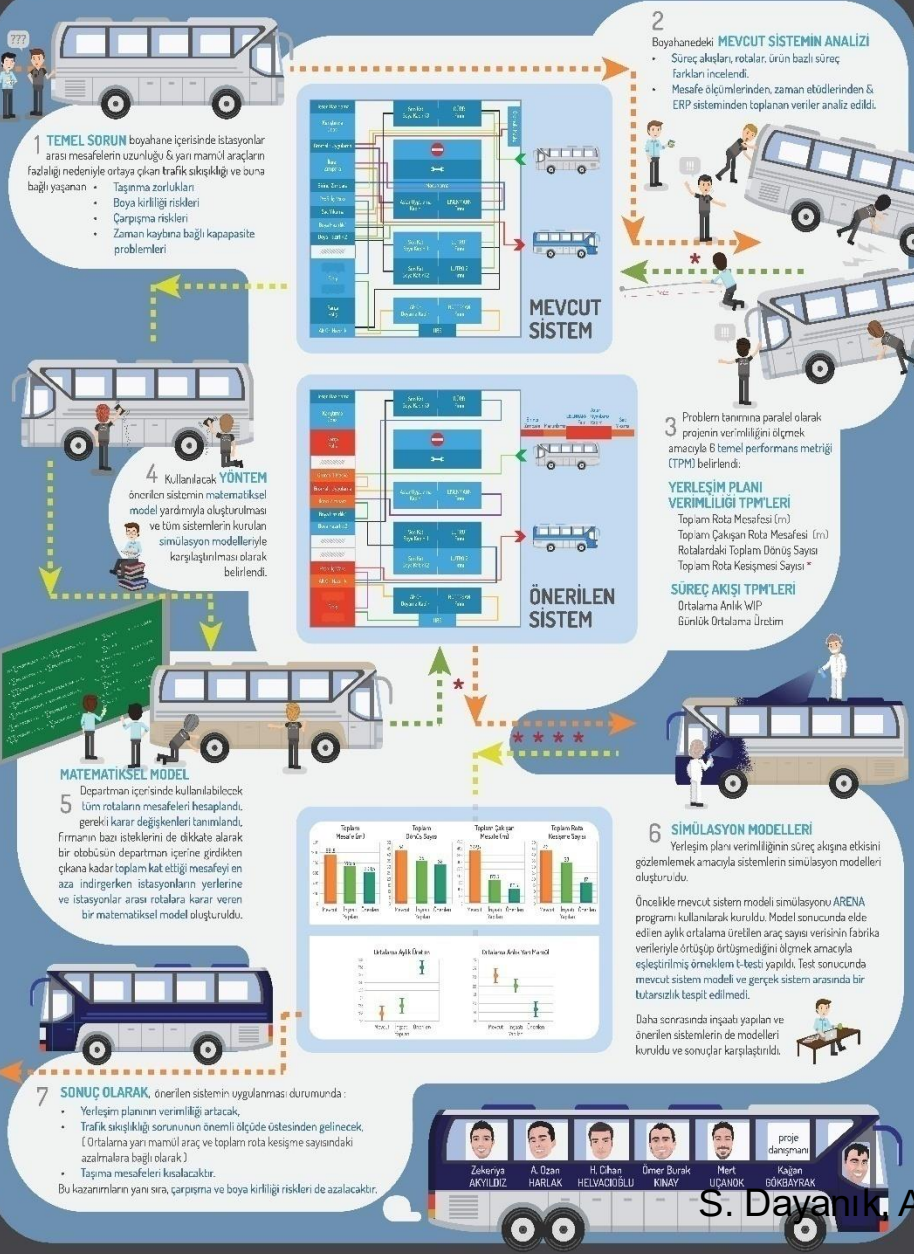
- To the company
 - Decision support system
 - installed
 - activated
 - ready to be used
 - Supporting documents
 - final project report
 - user manual
 - To Bluesky link to be sent in a zip file
- The IAs will evaluate in an electronic form.*
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Poster

In Turkish

- Draft Submission: **May 18**
- Feedback: **On or about May 26**
- Final Submission: **June 3**



Merve Büyükbaş'ına...

Değerli dostumuz Merve Büyükbaş'ı 25 Mayıs 2015'te kaybettik. Projemiz boyunca varlığı ve emeği ile bizim için hep ilham kaynağı olan Merve'nin değerli anısına...

Mağaza İçi Teşhir Yönetimine Karar Destek Sistemi

Yardımcı

Ali Bozkurt
Elife Bulut
Merve Büyükbaş
Nilgün Dönmez
Yağmur Güven
Sertuğ Kostik



TepeHome

Problem Tanımı ve Amaç

Tepe Home mağazalarının ürün sergileme süreçlerinin belirli bir standart çerçevesinde gerçekleştirilmesi ve bu durumdan kaynaklanan mağaza içi komplikasyonlar-Kararsız yerleşim örnekleri

Tepe Home mağazalarının aksesuar koleksiyonunun sergilenişine yardımcı olacak bir karar destek sistemi tasarlanarak müşteri dikkatini yüksek tutmak ve satışlarda artış yakalamak



Önerilen Süreç



Önerilen Matematiksel Model



Sonuç

Raf 1	Çay bardağı	Su bardağı	Amerikan servisi
Raf 3	Sampir masın	Mutfak	Taht masın
Raf 4	Kupa	Kilim ayraç	Dekoratif obje 1
		Dekoratif obje 2	Elifan aksam
		Sabunluk	Elifan kovağı



May 18 Powerpoint Slide

- To be shown on screen during the project fair
- One page
- In Turkish



Montaj Hatlarında E-Kanban Tasarımı ve Uygulanması



Bu projede doğru malzemenin doğru zamanda ve miktarda dağıtımını sağlayacak e-kanban (çekme kanbanı) uygulaması tasarlanmıştır. Bu uygulama şirket veritabanına kurulmuş ve barkod ve barkod okuyucular ile fabrikada kullanılmaya başlanmıştır.

- Cansu Tanatmış
- Anıl Canatalay
- Öykü Talı
- Metin Deniz Kavas
- Müge Taşelmas
- Yasemen Özsan



Fourth CC Meeting

5 minute presentation: an executive summary

1. problem definition
 2. approach / short model description
 - intuition
 - capabilities
 - limitations
 3. emphasize
 - benefit of the project to the company
 - use numbers
 - most effective if presented on the last slide
-



Fourth CC Meeting

- All presentations **in Turkish and live**
- 12 groups pre-qualified — (to be announced **June 3**)
June 12 between 09:00 – 16:00
- Remaining groups
June 14 between 12:30 – 16:00



Project Fair Timeline

- Invitations
- Project Poster (May 18 / June 3)
- Project Fair and Competition (June 21)
 - Project Booklet (May 12)
 - Project Competition – 8 groups – independent jury
 - Poster Competition – all groups – all participants except students



June 21 Project Fair

- The whole afternoon
 - All students must be present
 - regardless of whether you are a finalist
 - grades for IE478 to be submitted on June 22
 - All groups present posters and answer guest questions
 - **Finalist groups rehearsal**
 - June 20 at MSSF
 - Guests
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Project Fair and Competition



Project Fair and Competiton





Meeting w/ Company Officials

- Additional presentation after the submission of the deliverables
- Professionalism
- Enhance reputation of IE, Bilkent and future
- Good impression pays back
- Very likely to meet your IA and collaborators and become colleagues
- You are close to be a part as **alumni**



Feedback on 3rd CC Presentations

- Complete validation and benchmarking
- Complete pilot study, report dates and outcome
- Mention company reaction to your findings
- Deliverables: developed...
 - not user interface - but a decision support system
 - not Python/R algorithm - but an algorithm and implemented in Python/R
- User interface: add company and Bilkent logos
- Presentations: do not overload / do not read



Final Presentation Recap

5 minute executive summary of your project

- Clear and concise problem definition
- Approach
- Deliverables
- Pilot study results
- Last slide: benefits (expressed in numeric measures)

In present tense (project over, impact lasting)



Effective Presentations

- practice without
 - printed notes or
 - reading from slides (visible on front monitor on stage)
- present vital parts - time is limited
- only slides you want your audience to see
- draw attention of audience
 - use animations and colors
 - zoom in / out tables and figures
- memorable last slide: striking but realistic benefit figures



Effective Presentations

Examples of Good Presentations

- inspect [pptx on the course web page](#) and
- watch on [youtube](#)