A project funded by EIT
Advised by Vincent Hargaden

DesignPlan: Graphical User Interface Prototype

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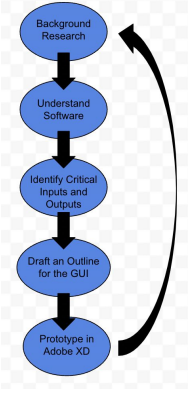
Introduction

- DesignPlan funded by EIT
- Educational tool for use of facility layout planning softwares
- Literature review and development of GUI prototype

Literature Review

- Over 30 publications
- Wide variety of simulations
- Optimizations for financial gain, environmental benefit, health and safety



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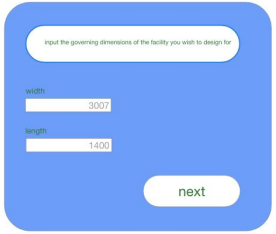

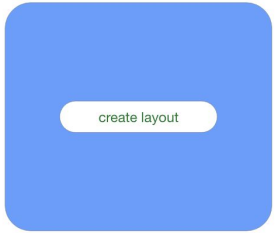

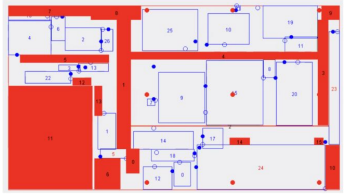

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Prototype

- Adobe XD
- Multiple screens
- Interactive with buttons
- Simulates user experience

Criteria

- Dimensions of the entire facility
- Dimensions and location of any obstacles
- Desired workstations

Conclusions

- Developed an example for software engineers
- Literature review can inform development of this software

Thank you to the entire team working on DesignPlan for allowing me to work with you this semester! And a special thank you to Vincent and Pezhman for their guidance!