FUNKY FASHION STORE

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The problem:

The problem:

- How can we dress this manequin?
- With some style
- Meaning
- OPTIMIZING SOME CONSTRAINTS

Fashion Store Problem

- Given a set of colored garments find a combination to dress your mannequin.
- Constraints: some colors or garments don’t go together, too many colors might be extravagant, too little colors is dull, . . .

Our inventory:

Garments:

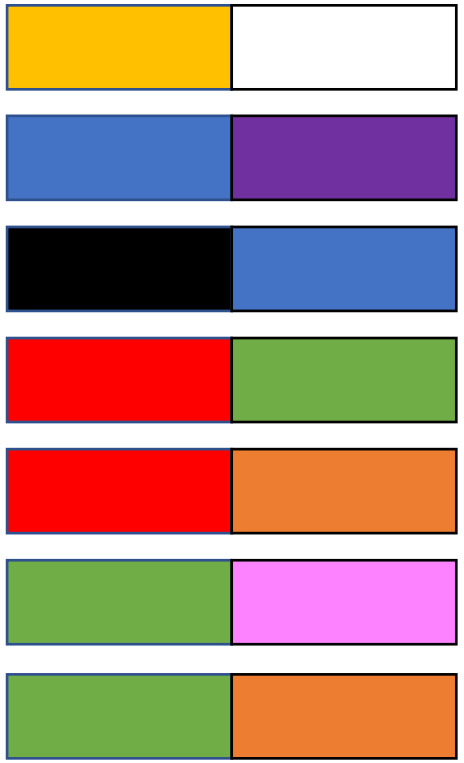
- Pants
- Shorts
- Jackets
- Scarfs
- Ties
- Gloves
- Shirts
- Hat
- Sweater
- Shoes

Colors:

- Red
- Yellow
- Orange
- Green
- Blue
- Purple
- Brown
- Pink
- White
- Black

Our application constraints for color:

- Yellow cannot go with white
- Blue cannot go with purple
- Blue cannot go with black
- Red cannot go with green
- Red cannot go with orange
- Green cannot go with pink
- Green cannot go with orange



Constraints for clothes

Example

- Let’s dress a Vietnamese

- Black/blue hat
- Blue shirt
- Blue pants
- Mosin Nagant

Architecture of the app

Report and conclusion

The real solution