

**Team Number:** 104-5

**Team Name:** Mambo Number 5

**Team Members:** Lukas Bush, Bao Nguyen, Megan McGinnis, Weiqiang Wang, Jack Humphrey

**Application Name:** WTW(What To Wear)

**Application Description:** WTW will be a website that performs the basic action of telling people what the weather is like, but also has some added benefits. While you'll still be able to access what the weather is like, wind, rain, snow, humidity and more, you'll also receive the benefit of seeing what is suggested to wear in the weather. A person will be on your still dressed in the clothes that is thought to be the most suitable match for the weather. There will be a search bar for looking at other locations that will provide that same information(what outfit to wear).

There are many additional add-ons that we could do that are currently being debated. We have the option to give pictures of the suggestions given by the program. If enough to suggest a warmer hat and heavy coats, it would provide pictures that meet the criteria. Another possible add-on would be to take user suggestions and have those posted in a feed next to the ideal wear. This would allow people who visited the place in question to give their feedback on what they wore and also give people from there a place to say what they would wear.

**Vision Statement:** To provide a better understanding of what to wear outside before having to go outside.

**Version Control:** <https://github.com/LukasBush/Team-Meeting-Log>  
<https://github.com/LukasBush/Milestone-Submission>  
<https://github.com/LukasBush/Project-Code>

**Development Method:** We will use the agile development method which will allow us more individual and group flexibility to adapt to changes as the project continues.

**Communication Plan:** Our team plans on communicating through the GroupMe app. We decided to use GroupMe because we try texting with just our phone numbers and that didn't work out too well. Since everyone already has GroupMe downloaded, we decided it'd be best to use this app to communicate. We will try to actively communicate with each other so that everyone knows what part they have to do for that certain milestone. We will also try to communicate one day ahead of time on when and where we are meeting so that there is no confusion. If someone can't make it to the meeting time, they can just text the group chat and the group can just change the time or figure something else out. This is also a good way to send pictures since we are trying to add some images onto our website.

**Proposed Architecture Plan:** For our backend, we will be coding in Python. For the frontend we will be coding HTML. We will be displaying information about the weather on one part of the website while another will take the information about the weather and use it to decide what would be appropriate to wear. The idea of adding pictures of suggestions of what they should be wearing and having another section which takes user input from people in the local area to say what they might wear is still up to debate. It has the possibility of using location services too to bring up your location first.

**Meeting Plan:** Tuesday and Thursday 6:00 p.m ITLL 191, face to face, 1 hour.

We may use Google doc or Groupme for contacting.