

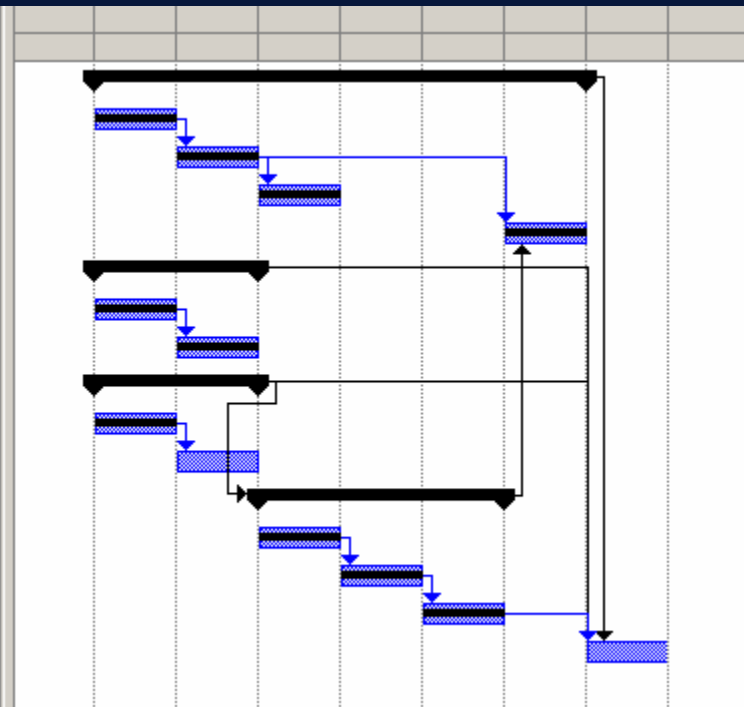
# Final Project Status

Ben Marchant

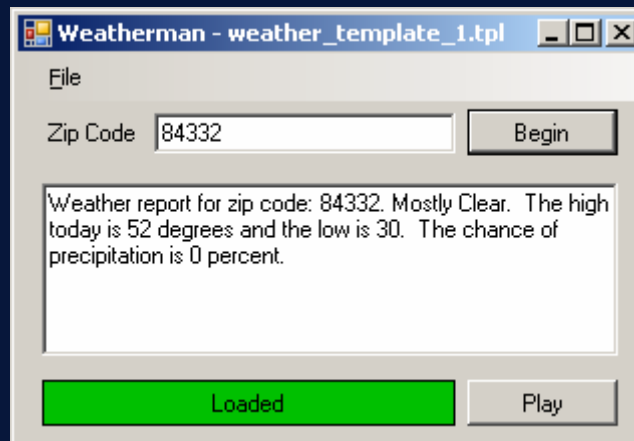
CS 6890 – Natural Language  
Processing

# Schedule Update

	Task Name	Duration	Predecessors	% Complete
1	<b>☐ Create GUI</b>	<b>6 days</b>		<b>100%</b>
2	Design GUI	1 day		100%
3	Implement GUI	1 day	2	100%
4	Interface with SOAP	1 day	3	100%
5	Interface with Festival	1 day	12,3	100%
6	<b>☐ SOAP Interface</b>	<b>2 days</b>		<b>100%</b>
7	Generate gSOAP code	1 day		100%
8	Create library for SOAP access	1 day	7	100%
9	<b>☐ Festival Server</b>	<b>2 days</b>		<b>50%</b>
10	Create template	1 day		100%
11	Create limited domain voice synthesizer	1 day	10	0%
12	<b>☐ Festival Interface</b>	<b>3 days</b>	<b>9</b>	<b>100%</b>
13	Produce text based on template	1 day		100%
14	Send text to server	1 day	13	100%
15	Get .wav file	1 day	14	100%
16	Testing	1 day	1,6,9,15	0%



# Screenshot



# Notes

- Starting server with a specific voice

```
$ festival --server load_voice.scm
```

- Contents of load\_voice.scm

```
(load "festvox/usu_weather_bsm_ldom.scm")
```

```
(voice_usu_weather_bsm_ldom)
```

# Notes

- Message to send to server (voice)  
(tts\_textall “Weather report...” nill)\n
- Response  
WV\n<DATA>OK\n

# Notes

- Message alternate (festival --server)

(load "festvox/usu\_weather\_bsm\_ldom.scm")

(voice\_usu\_weather\_bsm\_ldom)

(tts\_textall "Weather report..." nil)\n

- Response

LP\n

ft\_StUfF\_keyOK\nLP\n

usu\_weather\_bsm\n

ft\_StUfF\_keyOK\nWV\n

<DATA>OK\n