			Role	Owner (primary owner) (secondary owners)	Estimated By Task	Effort Subtotals	Actual By Task	Effort Subtotals
Preliminary & Parallel Tasks								
	Architecture							
		Design architecture	Project Manager		2	**2**	2	**2**
	Requirements							
		Gather	All Developers	**All**	1		1	
		Analyze	Project Manager	**Lake, Adam, Thom**	1	**3**	1.0	**3**
		Specify	Project Manager	**Various**	1		1	
	Documentation							
		Project Charter	Project Manager	**Lake, Adam**	4		4	
		Estimated Effort	All Developers	**All**	2		2	
		Requirements Document	All Developers	**All**	3		5	
		Contract	All Developers	**All**	3	**18**	3	**24**
		Architecture Document	All Developers	**All**	6		10	
		User Guide & System Admin Doc	Developers		0		0.0	
Coding Iteration 1:	**Development**							
		Determine technology/language needs	Project Manager	**Lake, Thom**	1		1	
		Establish team dynamics and rolls	All	**All**	1	**4**	1	**4**
		Start team in github	All	**All**	1		1	
		Submit necessary documentation	All	**All**	1		1	
	Analysis							
	established a reliable means of communication with one-another and determined roles, which may be open to restructuring later in the project. The requirements documentation was started and the github team was created for all members to begin contributing information and ideas. Luckily the risk of having an incompatible team seems to have been avoided as all parties are amenable to each other's schedule restrictions, to a degree, and all team members have managed to remain polite and professional. This iteration was necessary to form the ground work for the							
Iteration 2:	**Design**							
		Research and learn new language and envir	Developers	**All**	10		2	
		Design Database Schema	Back End	**Thom, Elizabeth**	4		2.5	
		Login Page and Front-end layout	Front End	**Adam, Zunair**	3	**23**	3	**11.5**
		Risk Management Plan	Developers	**Adam, Thom**	3		3	
		Design middleware(djano code)(ongoing)	Full Stack	**Lake**	3		1	
	Development							
		Implement Database Schema	Backend	**Thom, Elizabeth**	4	**7**	2.5	**3.5**
		Login Page Code (Ongoing)	Front End	**Adam**	3		1	
	Analysis							
	Anaylsis for iteration 2 was completed on a separate document.							
Iteration 3:	**Design**							
		Design middleware	Full Stack	**Lake**	3		3	
		Design javascript	Front End	**Adam, Zunair**	4	15	6	**19**
		Architecture document	Developers	**All Team Members**	6		8	
		Acquiring HTML & CSS reference templates	Front End	**Zunair**	2		2	
	Development							
		Develop CSS formatting	Front End	**Adam, Ryan**	3		5	
		Django code for testing	Full Stack	**Lake**	3		3	
		Javascript for testing (incomplete)	Front End	**Adam, Zunair, Ryan**	3	**31**	6	**48**
		Develop Scheduling Algorithm	Back End	**Elizabeth**	4		8	
		SQL Database Development	Back End	**Thom**	8		10	
		HTML pages	Front End	**Zunair**	10		16	
	Analysis					**0**		**0**
	Full-stack testing will be ready very soon. Much of the front end has been completed and the back-end code will need to be adjusted accordingly once testing results have been obtained. Details on project progress are found on a separate document							
Iteration 4:	**Design**							
						0		**0**
	Development							
		CSS formatting	Front End	**Ryan, Adam**	2		5	
		Django Integration	Full Stack/Integration	**Lake**	6	**10**	6	**13**
		Further DB Development	Backend	**Thom**	2		2	
	Analysis							
	Integrating the HTML and Python using a Django server proved to be less straight-forward than anticipated. This included a lot of time dedicated to setting up the server and its necessary files. The basic HTML code has been integrated and, in theory, the next steps will involve less setup time and will therefore see more "tangible" progress							
Iteration 5:	**Design**							
						0		**0**
	Development							
		CSS formatting	Front End	**Ryan**	1		2	
		Django Integration	Full Stack/Integration	**Lake, Thom**	2	**7**	8	**16**
		Algorithm Development	Backend	**Elizabeth**	4		6	
	Analysis							
	schedules based on instructor preferences, and to identify and understand the formal steps needed to take on a project like that in a group setting. While it was the goal of the group to be able to demonstrate and implement a fully functioning program by the project due date, this							
Total						**120**		**144**