CLOUDF GANTT CHART

Evan Brown, Ben Strelt, Blake Rieshick

PROJECT TITLE	Cloudf: Cloud Storage System	DATE	10/20/18

WBS NUMBER	TASK TITLE	TASK OWNER	PCT OF TASK COMPLETE
1	**Documentation**		
1.1	Initial Draft of Documentation Artifacts	Benjamin, Evan	100%
1.2	Setup Automated Documentation Generation	Evan	0%
1.3	Finalize Documentation Artifacts for Project 3	Benjamin, Evan	70%
1.4	Finalize Documentation Artifacts for Project 4	TBD	0%
2	**Databases & Dockerization**		
2.1	Research Mongo + Docker Integration	Benjamin, Evan	100%
2.2	Finalize File Storage Format	Benjamin	100%
2.3	Create docker-compose file for containers	Evan	100%
2.4	Finalize Server Hosting Location	All	0%
2.5	Setup MySQL database with Docker	TBD	0%
2.6	Research User Authentication Methods & Security	TBD	0%
2.7	Determine Necessary MySQL Tables	TBD	0%
2.8	Update File Storage System to allow sharing between users	TBD	0%
3	**Node Backend**		
3.1	Retrieve File Information from Mongo	Benjamin	100%
3.2	Create Directory in Mongo	Benjamin	100%
3.3	Upload File Backend	Benjamin	100%
3.4	Download File Backend	Blake	50%
3.5	Authenticate a User & Password with MySQL DB	TBD	0%
3.6	Create new user & store in MySQL DB	TBD	0%
3.7	Create Session & store in MySQL	TBD	0%
3.8	Validate Session Upon Action	TBD	0%
3.90	Directory Upload Backend	TBD	0%
3.10	Directory Download Backend	TBD	0%
3.11	Storage Capacity Backend	TBD	0%
3.12	File Sharing Backend	TBD	0%
3.13	(Stretch) Reset Password Backend	TBD	0%
3.14	(Stretch) File Editing Backend	TBD	0%
4	**Node Frontend**		
4.1	File Display by Directory	Evan	100%
4.1.1	File Icons	Evan	100%
4.1.2	Directory Navigation	Evan	100%
4.2	Upload File & Create Directory Buttons	Blake	100%
4.3	Upload File Modal	Benjamin	100%
4.4	Create Directory Modal	Benjamin	100%
4.5	File Information Sidebar	Evan	50%
4.5.1	Remove, Download File, Edit Filename Buttons	Blake	30%
4.5.2	Edit Filename Modal	Blake	30%
4.5.3	Remove File Modal	Blake	30%
4.6	Storage Capacity Progress Bar	TBD	0%
4.7	File Sharing Button & Modal	TBD	0%
4.8	(Stretch) File Viewing Button & Modal	TBD	0%
4.9	(Stretch) File Editing Button & Modal	TBD	0%
4.10	Login Page	TBD	0%
4.10.1	Username & Password Entries	TBD	0%
4.10.2	Login Functionality	TBD	0%
4.10.3	(Stretch) Forgot Password Button	TBD	0%
4.10.4	Register Button	TBD	0%
4.11	Register Page	TBD	0%
4.11.1	Username, Password, Email Entries	TBD	0%
4.11.2	Submit Button	TBD	0%
4.12	(Stretch) Forgot Password Page	TBD	0%
4.12.1	(Stretch) Email Entry	TBD	0%
4.12.2	(Stretch) Submit Button	TBD	0%

Timeline columns: PROJECT 3 (WEEK OF 10/8, WEEK OF 10/15), PROJECT 4 (WEEK OF 10/22, WEEK OF 10/29, WEEK OF 11/5, WEEK OF 11/12, WEEK OF 11/19), each week divided into M T W Th F S S.