Capstone Task Planning

**[x]Establish database schema -> 1 hour**

**[x]Establish test database schema -> 2 hour**

**[x]Movie Slice - Server**

[x]Model -> 1 hour

[x]title

[x]usReleaseDate

[x]duration

[x]imdbRating

[x]metascore

[x]budget

[x]domesticGross

[x]totalGross

[x]openingGross

[x]oscarNominations

[x]oscarWon

[x]franchise

[x]getters and setters

[x]constructors

[x]Data -> 2 hours

[x]Mapper

[x]Find by id

[x]Find all

[x]Add

[x]Edit

[x]Delete

[x]Data Testing ->3 hours

[x]shouldFindById

[x]shouldFindAll

[x]shouldAdd

[x]shouldUpdate

[x]shouldNotUpdate

[x]shouldDelete

[x]Domain ->2 hours

[x]Find by id

[x]Find all

[x]Add

[x]Edit

[x]Delete

[x]Validate

[x]See data validation.doc for details

[ ]Domain Testing -> 3 hours

[x]shouldAdd

[x]shouldNotAdd

[x]See data validation.doc for details

[x]shouldUpdate

[ ]shouldNotUpdate

[ ]See data validation.doc for details

[ ]shouldDelete

[ ]shouldNotDelete => missingId

[ ]Controller -> 2 hours

[ ]Find by id =>GET

[ ]Find all => GET

[ ]Add => POST

[ ]Edit => PUT

[ ]Delete => DELTE

[ ]Controller Test -> 3 hours

**[ ]Movie Slice - Client**

[ ]React Components -> 4 hours

[ ]Movie - basic info

[ ]Movie - full info

[ ]Nav Bar

[ ]About page

[ ]Contact page

[ ]Movie data form

[ ]Set up React Router, page hierarchy ->2 hours

[ ]Tableau ????? 10 hours

**[ ]Movie Slice -> Test integration etc. -> 2 hours**

**[ ]User Slice - Server ????**

[ ]Model -> 1 hour

[ ]id

[ ]username

[ ]password

[ ]Data -> 2 hour

[ ]Mapper

[ ]findByUsername

[ ]create

[ ]update

[ ]updateRoles

[ ]getRolesByUsername

[ ]Data Testing -> 3 hours

[ ]Domain -> 2 hours

[ ]findByUsername

[ ]create

[ ]validate

[ ]Domain Testing -> 3 hours

[ ]Controller -> 2 hours

[ ]Controller Test -> 3 hours

**[ ]User Slice - Client**

[ ]React Components ->2 hours

[ ]Login page

[ ]Add login/logout to NavBar

[ ]Make movie CRUD dependent on admin - 1 hr

[ ]User can login/logout -> 1 hour

[ ]Admin can add/edit/delete movies -> 1 hour

**[ ]User Slice -> Test integration etc. -> 2 hours**

**[ ]Favorites Slice -Server**

[ ]Model -> 1 hour

[ ]Add List<Movies> favorites to User

[ ]Data -> 2 hour

[ ]Mapper

[ ]Find by id

[ ]Find all

[ ]Add

[ ]Edit

[ ]Delete

[ ]Data Testing ->3 hours

[ ]Domain -> 2 hours

[ ]Find by id

[ ]Find all

[ ]Add

[ ]Edit

[ ]Delete

[ ]Validate

[ ]See data validation.doc for details

[ ]Domain Testing ->3 hours

[ ]Controller -> 2 hours

[ ]Find by id =>GET

[ ]Find all => GET

[ ]Add => POST

[ ]Edit => PUT

[ ]Delete => DELTE

[ ]Controller Testing ->3 hours

**[ ]Favorites Slice - Client**

[ ]React Components -> 2 hours

[ ]Favorites page

[ ]Get favorites for user -> 1 hour

[ ]User can add movies to favorites -> 1 hour

[ ]User can remove movies from favorites -> 1 hour

[ ]Tableau -> 3 hours

-> user can graph favorites

**[ ]Favorite Slice -> Test integration etc. -> 2 hours**

**[ ]Genre Slice -Server**

[ ]Model -> 1 hour

[ ]Add List<Genre> to Movies

[ ]Genre

[ ]id

[ ]name

[ ]Data -> 2 hour

[ ]Mapper

[ ]Find by id

[ ]Find all

[ ]Add

[ ]Edit

[ ]Delete

[ ]Data Testing ->3 hours

[ ]Domain -> 2 hours

[ ]Find by id

[ ]Find all

[ ]Add

[ ]Edit

[ ]Delete

[ ]Validate

[ ]See data validation.doc for details

[ ]Domain Testing ->3 hours

[ ]Controller -> 2 hours

[ ]Find by id =>GET

[ ]Find all => GET

[ ]Add => POST

[ ]Edit => PUT

[ ]Delete => DELTE

[ ]Contrller Testing ->3 hours

**[ ]Genre Slice -Client**

[ ]React Components -> 2 hours

[ ]Add genres to movie form and full info

[ ]Tableau -> 2 hours

-> user can graph genres

**[ ]Genre Slice -> Test integration etc. -> 2 hours**

**[ ]Person Slice - Server**

[ ]Model - 1 hour

[ ]Add List<Genre> to Movies

[ ]Genre

[ ]id

[ ]name

[ ]role

[ ]Data - 2 hour

[ ]Mapper

[ ]Find by id

[ ]Find all

[ ]Add

[ ]Edit

[ ]Delete

[ ]Data Testing ->3 hours

[ ]Domain - 2 hours

[ ]Find by id

[ ]Find all

[ ]Add

[ ]Edit

[ ]Delete

[ ]Validate

[ ]See data validation.doc for details

[ ]Domain Testing ->3 hours

[ ]Controller

[ ]Find by id =>GET

[ ]Find all => GET

[ ]Add => POST

[ ]Edit => PUT

[ ]Delete => DELTE

[ ]Controller Testing ->3 hours

**[ ]Person Slice -Client**

[ ]React Components -> 2 hours

[ ]Add people to movie form and full info

[ ]Tableau -> 3 hours

-> user can graph person

**[ ]Favorite Slice -> Test integration etc. -> 2 hours**

**[ ]Presentation**

[ ]Slides - 4 hours

[ ]Scripting - 4 hours

**Total Estimated Time 139 hours**

**Riley will be working primarily on the Back end/ API**

**Marie will be focusing on the testing of the backend**

**Nishita will be focusing on the user interface**