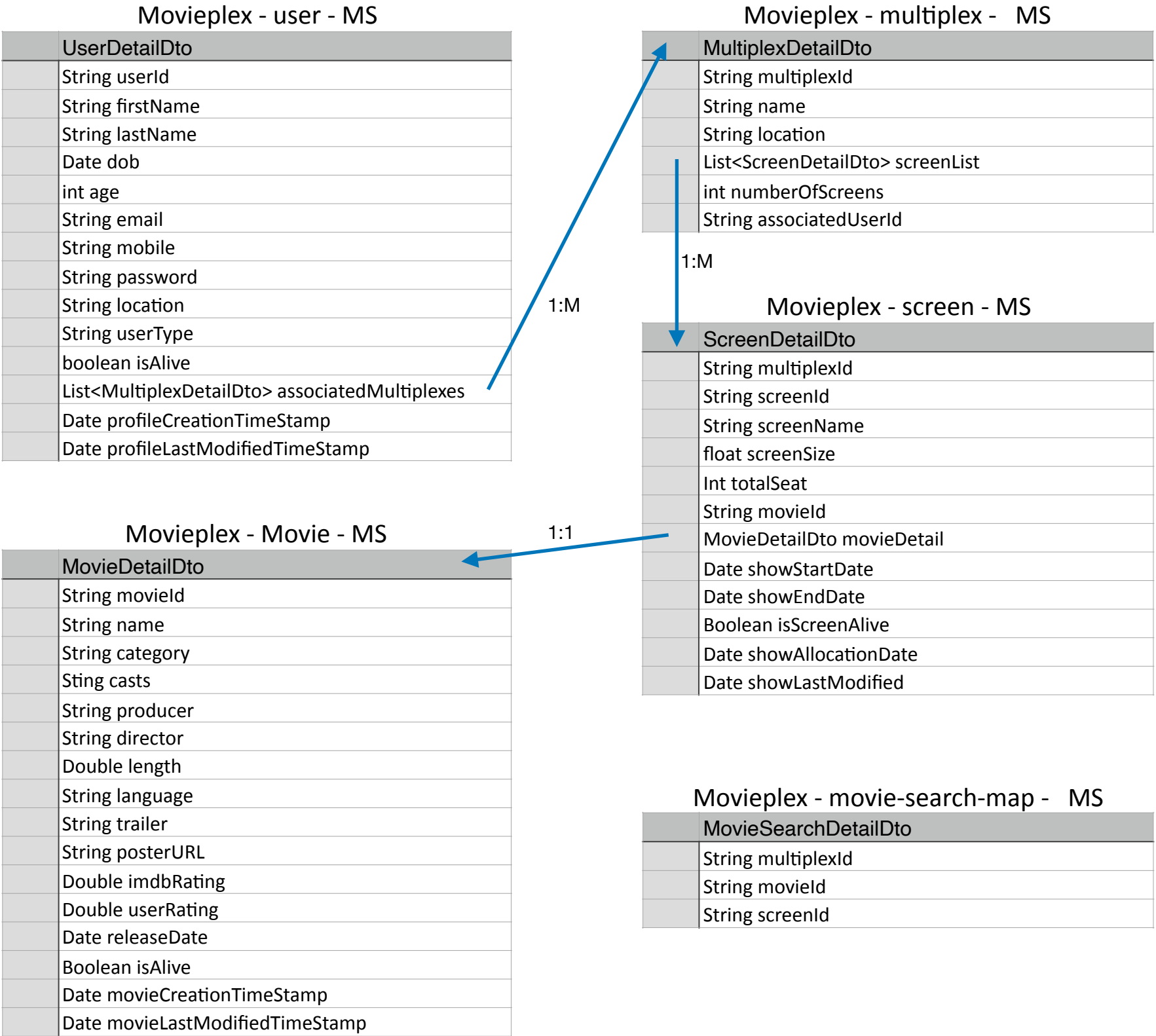


MoviePlex Architecture Diagram

Project running on : <https://movieplex.github.io/>

Data Objects & Communication



Project running on : <https://movieplex.github.io/>

Project running on : <https://movieplex.github.io/> User Microservice

User Microservice - method description							
Rest- end points	Method name	Method parameter	Return values	Description	User Access		
/api/user/login	login()	LoginDto	UserDetailDto	To login a registered user	Any		
/api/user/register	register()	Profile Picture, RegisterDto	UserDetailDto	To register a new user	Any		
/api/user/update-profile-picture	changeProfilePicture()	Profile Picture, User Id	UserDetailDto	To change profile Picture	User		
/api/user/modify-user	editProfile()	UserDetailDto	UserDetailDto	To edit profile information	User		
/api/user/get/{userId}	getUserDetail()	userId	UserDetailDto	To get a user detail	Admin		
/api/user/get-all	getAllUserDetail()	-	List<UserDetailDto>	To get all user details	Admin		
/api/user/find/{name}	getUserByName()	name	List<UserDetailDto>	To get all matched user details	Admin		

Movie Microservice

Movie Microservice - method description							
Rest- end points	Method name	Method parameter	Return values	Description	User Access		
/api/movie/add	addMovie()	MovieDetailDto	MovieDetailDto	To add a movie in DB	Admin		
/api/movie/modify/{movieId}	modifyMovie()	MovieDetailDto	MovieDetailDto	To modify a movie in DB	Admin		
/api/movie/delete/{movieId}	deleteMovie()	movieId	Boolean	To delete a movie	Admin		
/api/movie/{movieId}	getMovieById()	movieId	MovieDetailDto	To find a movie by Id	Any		
/api/movie/get-all	getAllMovie()	-	List<MovieDetailDto>	To get list of all movie	Any		
/api/movie/find/{name}	getMovieByName()	movieName	MovieDetailDto	To find a movie by name	Any		
/api/movie/list-running-multiplexes/{movieId}	getAllRunningMultiplexes()	movieId	List<MPlexDetailDto>	To list all multiplexes who	Any		

Multiplex Microservice

Multiplex Microservice - method description							
Rest- end points	Method name	Method parameter	Return values	Description	User Access		
/api/mplex/register	registerMPlex()	MPlexDetailDto	MPlexDetailDto	To register a Multiplex with its screen details	Admin		
/api/mplex/modify/{mPlexId}	modifyMPlex()	mPlexId	MPlexDetailDto	To modify a Multiplex with its screen details	Admin		
/api/mplex/delete/{mPlexId}	deleteMPlex()	mPlexId	MPlexDetailDto	To delete a multiplex	Admin		
/api/mplex/find/mPlexName	getMPlexByName()	mPlexName	MPlexDetailDto	To find a multiplex by name	Any		
/api/mplex/find-all	getAllMPlex()		List<MPlexDetailDto>	To get all multiplex listed	Any		
/api/mplex/find/location/{location}	getMPlexByLocation()	Location	List<MPlexDetailDto>	To find all multiplex by location	Any		
/api/mplex/find/screen-list{mPlexId}	getAllScreen(mPlexId)	mPlexId	List<ScreenDetailDto>	To get all listed screens of this multiplex	Any		

Screen Microservice-1

Screen Microservice - method description							
Rest- end points	Method name	Method parameter	Return values	Description	User Access		
/api/screen/register/	registerScreen()	ScreenDetailDto	ScreenDetailDto		Admin		
/api/screen/modify/{screenId, mPlexId}	modifyScreen()	ScreenDetailDto	ScreenDetailDto		Admin		
/api/screen/delete/{screenId, mPlexId}	deleteScreen()	screenId	ScreenDetailDto		Admin		
/api/screen/add-movie/{screenId, MovieDetailDto}	addMovie()	screenId	ScreenDetailDto		Admin		
/api/screen/find-all/{mPlexId}	getAllScreenByMPlexId()	mPlexId	List<ScreenDetailDto>		Mplex-microservice		