

Application Layer

AppController
app.js

- DataService
- StateProvider
- activeElement:ActiveElement

+ init()
+ borderImageAvailable()
+ riskAssessmentAvailable()

HomeViewController
homeCtrl.js

+afterEnter():void
+afterLeave():void

CameraViewController
cameraCtrl.js

- CameraService
- StateProvider

+captureImage():void
+afterEnter():void
+afterLeave():void

AnalysisViewController
analysisCtrl.js

- DataService
- FileSystem
- metadata:Metadata
- lesionImage:LesionImage
- borderImage:BorderImage
- riskAssessment:RiskAssessment

+afterEnter():void
+confirmBorder(confirm:Boolean):void
+save():void

ArchiveViewController
archiveCtrl.js

- DataService
- FileSystem
- metadata:Metadata
- lesionImage:LesionImage
- borderImage:BorderImage
- riskAssessment:RiskAssessment

+afterEnter():void
+confirmBorder(confirm:Boolean):void
+save():void

Data/Busienss Layer

LesionImage
models.js

- filePath:String
- creationDate:DateTime

+

BorderImage
models.js

- image:LesionImage
- filePath:String
- creationDate:DateTime

+

Metadata
models.js

- image:LesionImage
- description:String
- location:LesionLocation

+

RiskAssessment
models.js

- image:LesionImage
- assessmentDate:DateTime
- versionNr:Float
- sfaMajor: Integer
- sfaMinor: Integer
- borderIrregularity:Integer
- colorScore:Integer
- tdsScore:Float

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Service Layer

CameraService
services/camera.js

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DatabaseService
services/db.js

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FileIOService
services/io.js

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BorderService
services/border.js

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RiskAssessmentService
services/risk.js

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