

Project Review

Danny Varela | Andrew Park | Mario Perez

F15C6

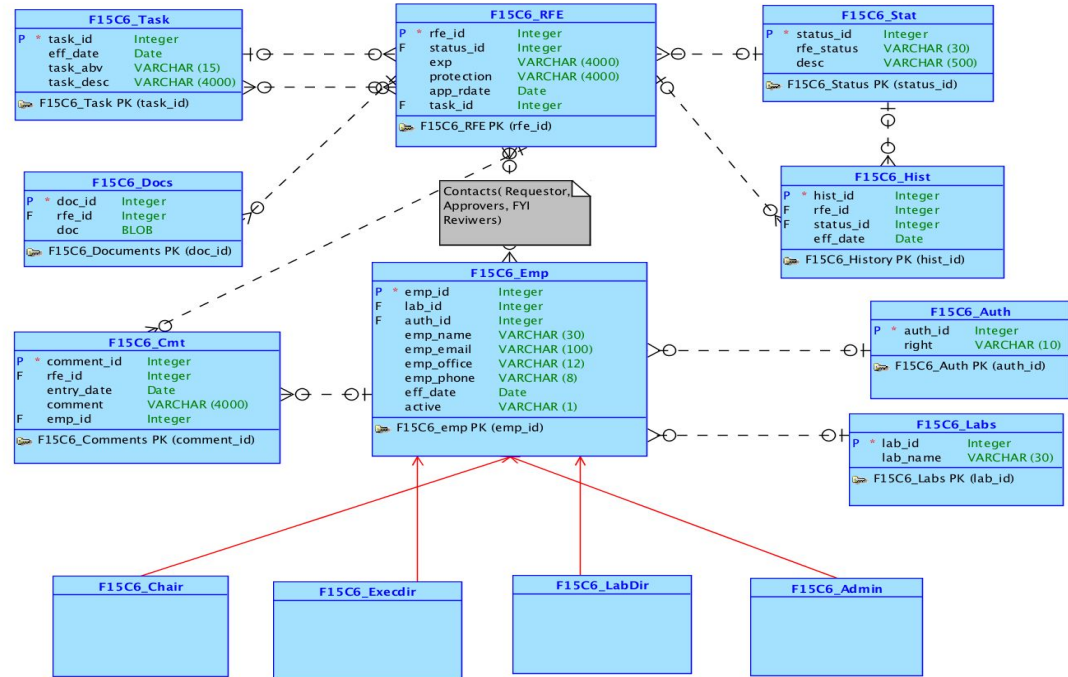
1

Conceptual, Relational, & Logical Models

Conceptual Model

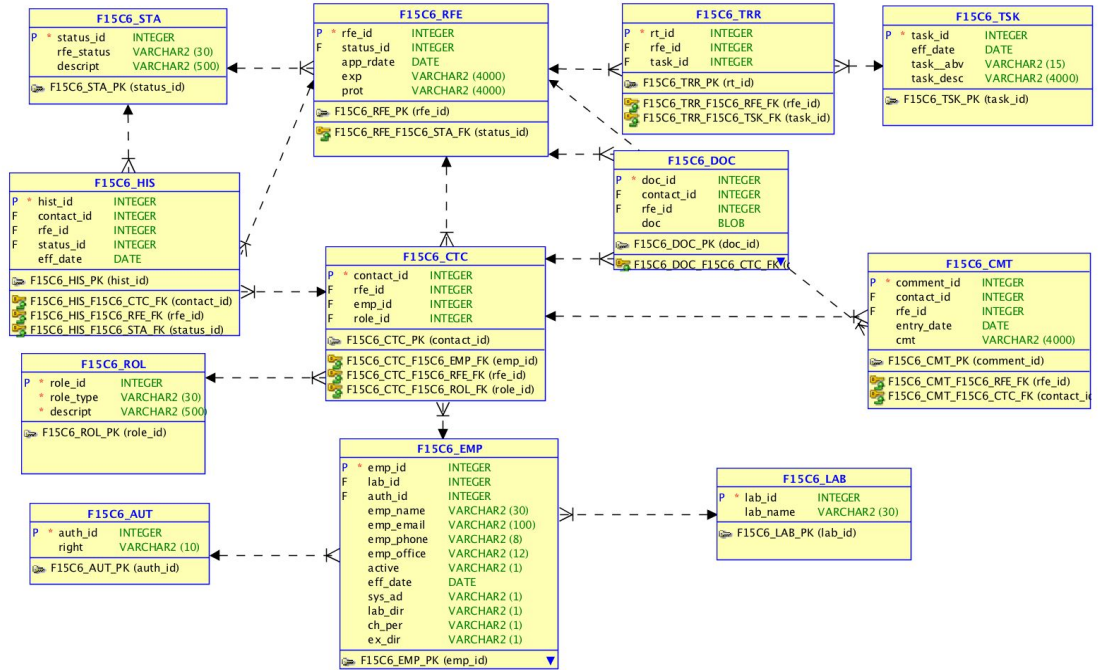
Changes:

- No separate relations for FYI Reviewers, Approvers, Requestors
- One-To-Many Relationship on Auth Table.



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Relational Model

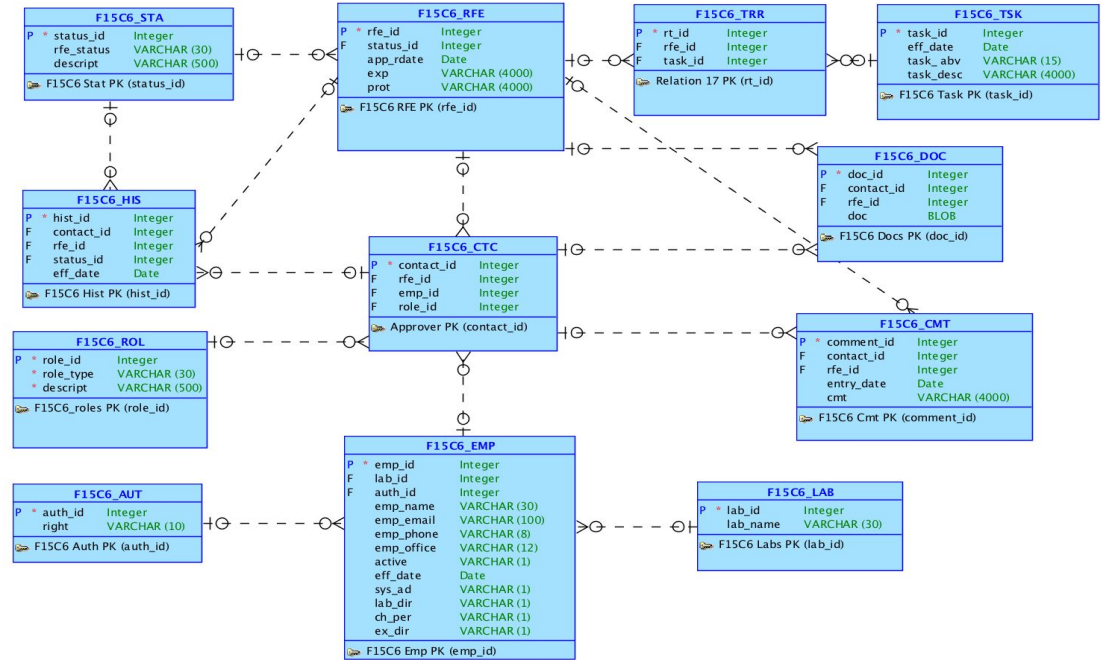


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Logical Model

Notice:

- CTC Table
- Association Table between RFE and TSK
- Flags in EMP



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2

APEX Application

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Log Out

Home

Login Page

My RFEs

RFE

User Sign In

Lab: Neuroscience Lab

Employee: John Smith

Log In

release 1.0 [Set Screen Reader Mode On](#)

<https://apex.oracle.com/pls/apex/f?p=12516:1:103990535041997:::>

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Log Out

Home

Login Page

My RFEs

RFE

My Home Page

My RFEs

Q

Go

Actions

Create

RFE ID	Contact	Current Status	Approval Review Date
101	Mark Lietner	Final Approved	24-NOV-2015 17:04

1 - 1

release 1.0 [Set Screen Reader Mode On](#)

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Log Out

Home

Login Page

My RFEs

RFE

RFE-Form

Explanation

Protection

Lab

AI Lab

Employee Name

Mark Lietner

Cancel

Submit

release 1.0 [Set Screen Reader Mode On](#)

<https://apex.oracle.com/pls/apex/f?p=12516:1:103990535041997::::>

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Log Out

Home

Login Page

My RFEs

RFE

Q

Go

Actions

RFE ID	Status	Protection	Explanation	Approval Review Date
101	Final Approved	my pw	I disagree	24-NOV-2015 17:04

1 - 1

Contacts

Q

Go

Actions

Add FYI Reviewer

Role	Name
Requestor	Mark Lietner
FYI Reviewer	Cristiano Ronaldo
Sys Admin Approver	Lorenzo Pul
Lab Director Approver	Maggie Psung
Chairperson Approver	Mario Perez
Exec Dir Approver	Andrew Park

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Documents

Q

Go

Actions

Add Document

Document	Uploaded By
Download	Mark Lietner

1 - 1

Status History

Q

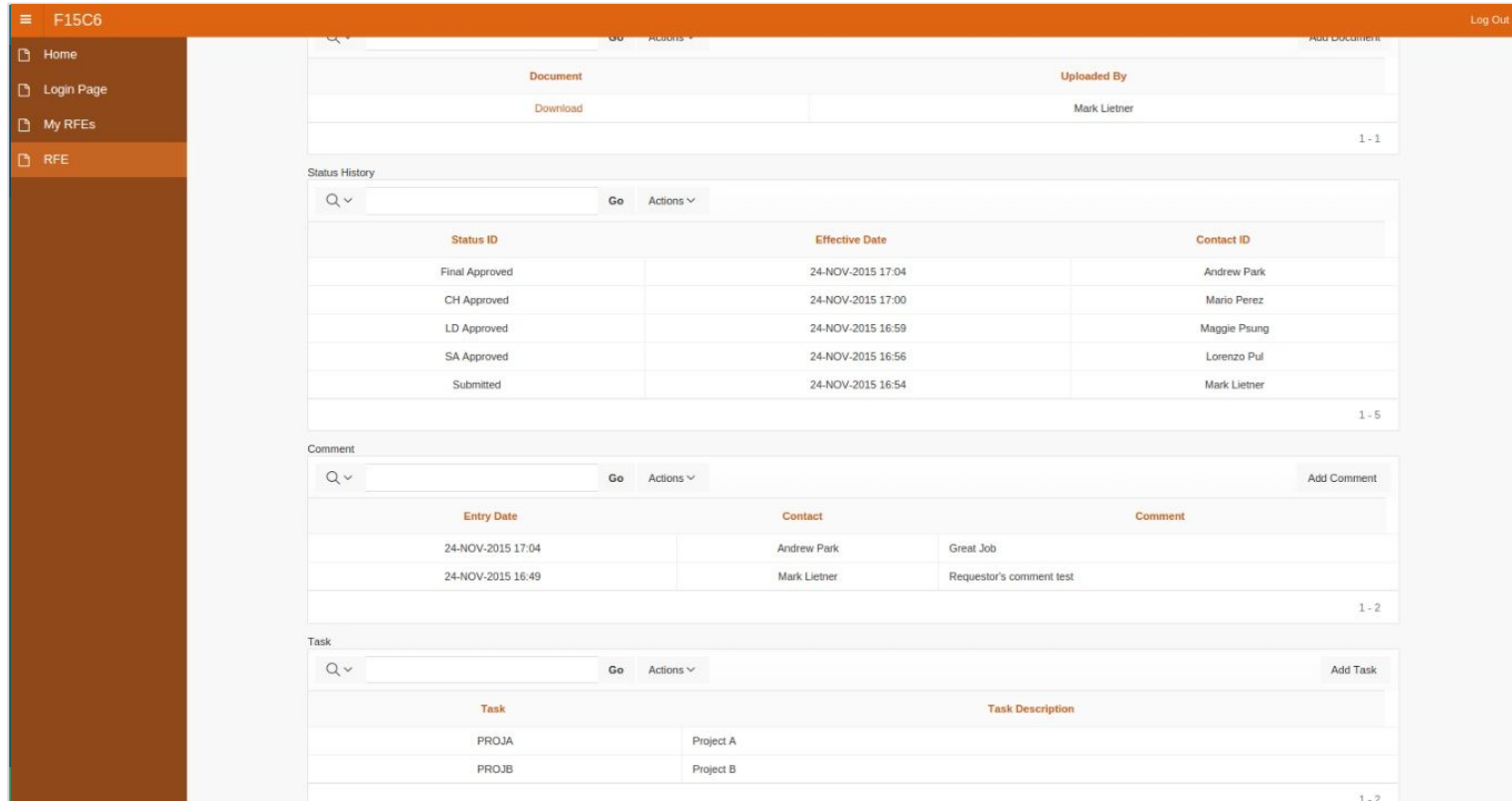
Go

Actions

Status ID	Effective Date	Contact ID
Final Approved	24-NOV-2015 17:04	Andrew Park
CH Approved	24-NOV-2015 17:00	Mario Perez
LD Approved	24-NOV-2015 16:59	Maggie Psung

<https://apex.oracle.com/pls/apex/f?p=12516:1:103990535041997:::>

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<https://apex.oracle.com/pls/apex/f?p=12516:1:103990535041997:::>

F15C6

F15C6 Log Out

Home
Login Page
My RFEs
RFE

RFE ID	Status	Protection	Explanation	Approval Review Date
101	Final Approved	my pw	I disagree	24-NOV-2015 17:04

1 - 1

Contacts

Go Actions

Add FYI Reviewer

Name
Mark Lietner
Cristiano Ronaldo
Lorenzo Pul
Maggie Psung
Mario Perez
Andrew Park

1 - 6

Documents

Q

Add Document

Loaded By

rk Lietner

1 - 1

Status History

Go Actions

Status ID	Effective Date	Contact ID
Final Approved	24-NOV-2015 17:04	Andrew Park
CH Approved	24-NOV-2015 17:00	Mario Perez
LD Approved	24-NOV-2015 16:59	Maggie Psung

Create Document X

Choose Document Choose File No file chosen

Cancel Submit

<https://apex.oracle.com/pls/apex/f?p=12516:1:103990535041997::::>

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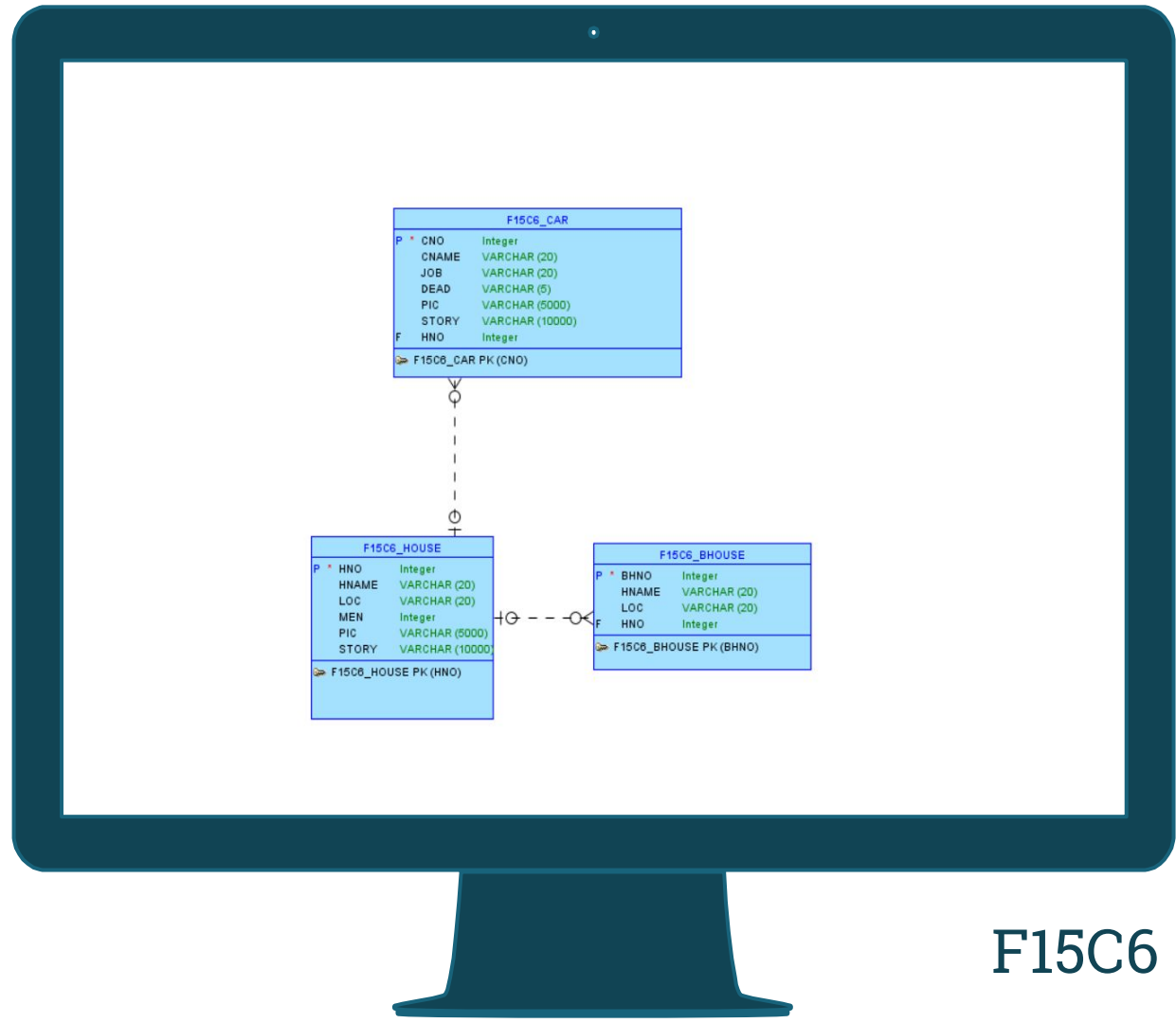
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Part II Conceptual Model

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Conceptual Model

- Simplified model of relationship between characters and houses of Game of Thrones



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Part II Application

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```
Neo4j on conn "MATCH (a:car),(b:car) WHERE a.HNO = 20 AND b.HNO = 20 CREATE (a)-[:family]-(b)"
Neo4j on conn "MATCH (a:car),(b:car) WHERE a.HNO = 30 AND b.HNO = 30 CREATE (a)-[:family]-(b)"
Neo4j on conn "MATCH (a:car),(b:car) WHERE a.HNO = 40 AND b.HNO = 40 CREATE (a)-[:family]-(b)"
Neo4j on conn "MATCH (a:car),(b:car) WHERE a.HNO = 50 AND b.HNO = 50 CREATE (a)-[:family]-(b)"
```

```
Neo4j on conn "CREATE (:house { HNO : 10, HNAME : 'Stark', LOC : 'Winterfell', MEN : 45000, PIC : 'http://awoiaf.westeros.org/images/thumb/5/51/House_Stark.PNG/250px-House Stark.PNG', STORY : 'House Stark of Winterfell is one of the Great Houses of Westeros and the principal noble house of the North many lesser houses are sworn to them. In days of old they ruled as Kings of Winter, but since the Wars of Conquest by House Targaryen they have been Wardens of the North. Their seat, Winterfell, is an ancient castle renowned for its strength. Their sigil is a grey direwolf racing across a field of white, and their words are Winter is Coming, one of only a few house mottoes to be a warning rather than a boast. Members of the family tend to be lean of build and long of face, with dark brown hair and grey eyes. Several of the POV characters of A Song of Ice and Fire are members of House Stark. Aside from the Karstarks of Karhold, the Starks of Winterfell may have distant relatives elsewhere in the North, possibly in White Harbor and Barrowton. Some younger Starks have also held vassal holdfasts for the lords of Winterfell.' } )"
```

```
Neo4j on conn "CREATE (:house { HNO : 20, HNAME : 'Lannister', LOC : 'Casterly Rock', MEN : 50000, PIC : 'http://awoiaf.westeros.org/images/thumb/8/88/House_Lannister.png/250px-House Lannister.png', STORY : 'House Lannister of Casterly Rock is one of the Great Houses of Seven Kingdoms, and the principal house of the westerlands. Their seat is Casterly Rock, though another branch exists that is based in nearby Lannisport. Their sigil is a golden lion on a field of crimson. Their official motto is Hear Me Roar However, their unofficial motto, equally well known, is A Lannister always pays his debts. The Warden of the West is a Lannister by tradition. Fair haired, tall, and handsome, the Lannisters are the blood of Andal adventurers who carved out a mighty kingdom in the western hills and valleys. Through the female line they boast of descent from Lann the Clever, the legendary trickster of the Age of Heroes who tricked the members of House Casterly into giving him Casterly Rock during the era of the First Men. The Lannisters reigned as Kings of the Rock until they fell to the Targaryen conquest, but were allowed to remain the liege lords of the westerlands. The House had fallen on hard times during the rule of Lord Tytos, but was restored to its former glory by Lord Tywin. His daughter Cersei is the queen of King Robert Baratheon, while her twin Ser Jaime is a knight of Roberts Kingsguard. Members of the family tend to have golden hair and emerald green eyes.' } )"
```

```
Neo4j on conn "CREATE (:house { HNO : 30, HNAME : 'Baratheon', LOC : 'Kings Landing', MEN : 56400, PIC : 'http://awoiaf.westeros.org/images/thumb/d/d1/House_Baratheon.PNG/250px-House Baratheon.PNG', STORY : 'House Baratheon of Storms End is one of the Great Houses of Westeros, and is the principal house in the stormlands, which they rule as Lords Paramount of the Stormlands. Their seat, Storms End, is an ancient castle raised by the Storm Kings from the now extinct House Durrandon. The Baratheon sigil is a crowned black stag on a field of gold. Members of the family tend to be tall and powerfully built, with black hair and blue eyes, as well as strong, square jawlines. They are known for their mercurial tempers, and their words are Ours is the Fury. After Roberts Rebellion, House Baratheon split into three branches Lord Robert Baratheon was crowned King and took residence at Kings Landing, thereby creating House Baratheon of Kings Landing. Robert gave the seat of Dragonstone to his younger brother, Stannis, creating House Baratheon of Dragonstone. Roberts youngest brother, Renly, became the Lord of Storms End, continuing House Baratheon of Storms End.' } )"
```

```
Neo4j on conn "CREATE (:house { HNO : 40, HNAME : 'Bolton', LOC : 'Dreadfort', MEN : 20000, PIC : 'http://awoiaf.westeros.org/images/thumb/7/76/Bolton.png/250px-Bolton.png', STORY : 'House Bolton of the Dreadfort is an old line descended from the First Men and dating back to the Age of Heroes. Their sigil is a flayed man, red on pink. Their seat is the Dreadfort and they are one of the most powerful houses of the North. The Boltons are known for their practice of playing their enemies. According to George R. R. Martin, their words are Ours blades are sharp, while a common saying among the Boltons is A flayed man holds no secrets.' } )"
```

```
Neo4j on conn "CREATE (:house { HNO : 50, HNAME : 'Tyrell', LOC : 'Highgarden', MEN : 80000, PIC : 'http://awoiaf.westeros.org/images/thumb/9/99/House_Tyrell.PNG/250px-House Tyrell.PNG', STORY : 'House Tyrell of Highgarden is one of the Great Houses of the Seven Kingdoms, being Lords Paramount of the Mander and the liege lords of the Reach. A large, wealthy house, its wealth is only surpassed among the Great Houses by House Lannister, and the Tyrells can field the greatest armies. Additionally, if they call the ships of the Redwyne fleet, the lords of the Shield Islands, and the coastal lords, they can command a navy that equals if not surpasses the royal fleet of Kings Landing. Highgarden is an ancient seat of rule and the heart of chivalry in the Seven Kingdoms the Tyrells style themselves Defenders of the Marches and High Marshals of the Reach, and traditionally, they have been Wardens of the South and Lords Paramount of the Mander. Their sigil is a golden rose on a green field, and their words are Growing Strong. Members of the family tend to have curly brown hair and brown or golden eyes.' } )"
```

#Member Relation

```
Neo4j on conn "MATCH (a:car),(b:house) WHERE a.HNO = 10 AND b.HNO = 10 CREATE (a)-[:member]->(b)"
Neo4j on conn "MATCH (a:car),(b:house) WHERE a.HNO = 20 AND b.HNO = 20 CREATE (a)-[:member]->(b)"
Neo4j on conn "MATCH (a:car),(b:house) WHERE a.HNO = 30 AND b.HNO = 30 CREATE (a)-[:member]->(b)"
Neo4j on conn "MATCH (a:car),(b:house) WHERE a.HNO = 40 AND b.HNO = 40 CREATE (a)-[:member]->(b)"
Neo4j on conn "MATCH (a:car),(b:house) WHERE a.HNO = 50 AND b.HNO = 50 CREATE (a)-[:member]->(b)"
```

#Enemy Relation

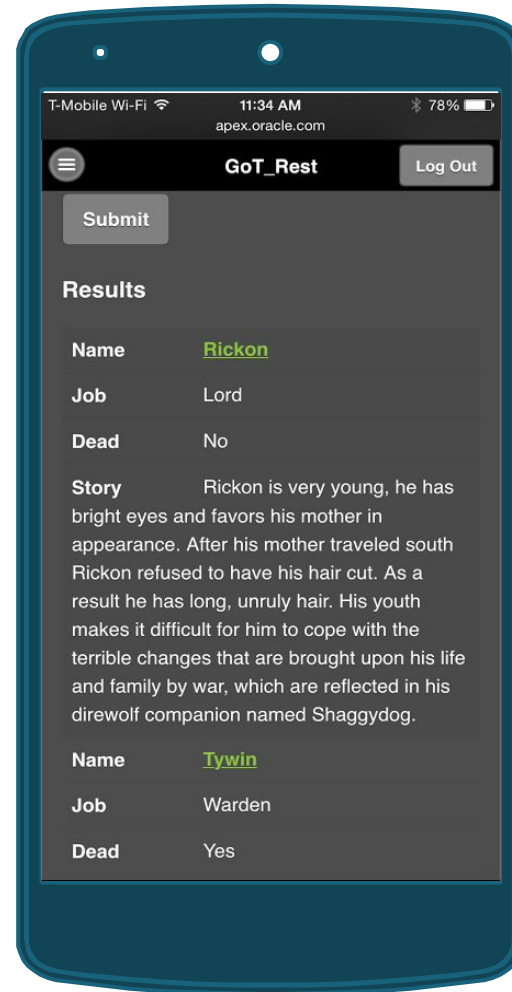
```
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 10 AND b.HNO = 20 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 10 AND b.HNO = 40 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 10 AND b.HNO = 50 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 20 AND b.HNO = 10 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 20 AND b.HNO = 30 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 30 AND b.HNO = 20 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 30 AND b.HNO = 40 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 30 AND b.HNO = 50 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 40 AND b.HNO = 10 CREATE (a)-[:enemy]-(b)"
Neo4j on conn "MATCH (a:house),(b:house) WHERE a.HNO = 40 AND b.HNO = 30 CREATE (a)-[:enemy]-(b)"
```


Android Application

Features:

- List of prominent characters
- Includes short background
- Name acts as a link

<https://apex.oracle.com/pls/apex/f?p=54393:1:103990535041997:::>



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Android Application

Features:

- Sigil
- Name
- Dead
- Position
- House Lore

<https://apex.oracle.com/pls/apex/f?p=54393:1:103990535041997:::>



F15C6



F15C6 Github Repo

<https://github.com/DannyV2/F15C6.git>

Thank You!

