TEAM 50 A6 S

ERD MODEL (80)   100 points
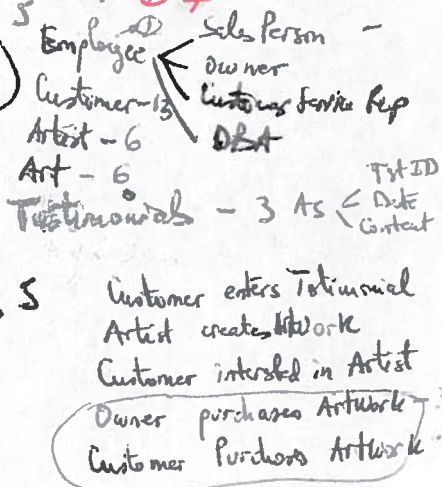
"Requirements" ✓⁴   10 pages   147 line Numbers
  or   page 7 line Number 111
"Repeated Requirements"   page 4 line Number 64
              Compilable   #Es 5 Employee ⊂ Sales Person —
  Step 1: Es 6 (20 points)   Customer-13 Owner
                  ES   Artist - 6   Customer Service Rep
              Transaction   Art - 6   DBA
                                      Testimonials - 3 As ⊂ Tst ID
              Compilable   Date
  Step 2: Rs 4 (20 points)   #Rs 5   Contact

              Compilable   Customer enters Testimonial
  Step 3: As   (20 points)   Artist creates Artwork
                                   Customer interested in Artist
                                   Owner purchases Artwork ⎤ 3
              (31)   X   Customer Purchases Artwork ⎦

  Views?   Triggers?   -20 points
                                    (40 points)
  Step 4: "Cut" & "Paste"
           ERD Diagram MODEL
           (Word)
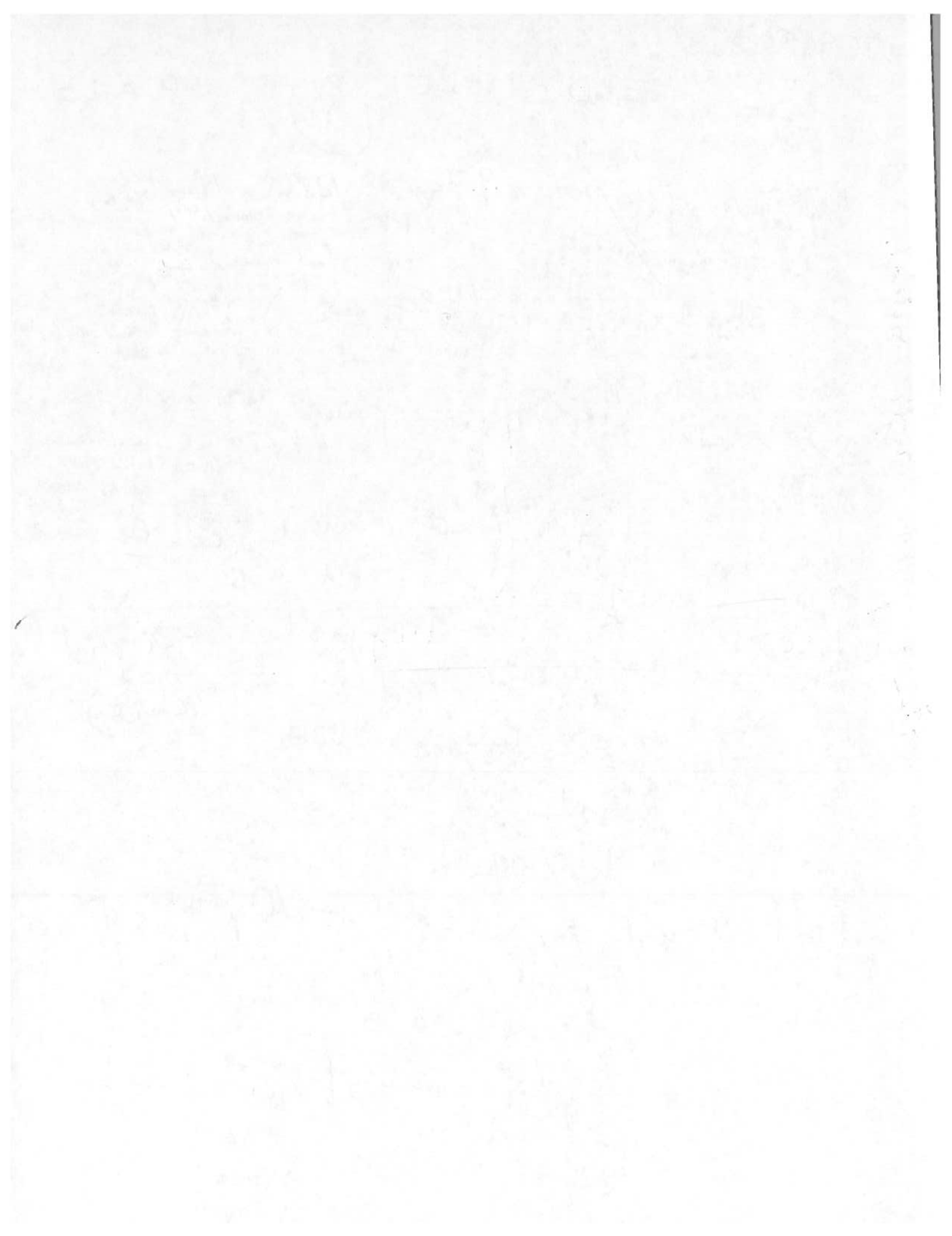   100% match TA

Not signed by DBA? - 10 points for DBA.
  Not in Word -40

  No First Page Summary of   #Es
        (in Word)   #Rs   -20
        (ie by hand)   #As
                              #Views
                              #Triggers

Please print single sided!

DB Team Project with Line Numbers for ERD Modeling

Please print single sided!

# of Es: 6

Table of Es:

E #	E Name
E1	Testimonial —
E2	Customer —
E3	Artists —
E4	Works -
E5	Transaction -
E6	Employee —

➜?!

# of Attributes: 37

Table of Attributes:

E Name	Attributes
Testimonial	TestimonialID, TestimonialContent, TestimonialEnteredDate ③
Customer	CustomerID, lastName, firstName, Street, City, State, Zip, Country, areaCode, phoneNumber, email, username, password ⑬
Artists	artistID, lastName, firstName, Nationality, dateOfBirth, dateDeceased ⑥
Works	workID, title, medium, description, copy ⑥ row Count
Transaction	Trans_id, acquistionPrice, dateAcquired, salesPrice, askingPrice, dateSold

1

Employee	EmployeeID, LastName, FirstName, AccountType

# of Rs : 4

Table of Rs:
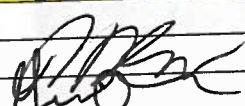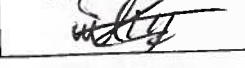
R #	R Name
1	Give
2	Purchase
3	Interest
4	about

# of Attributes: _

Table of Descriptive Attributes:

R Name	Attributes

Version 1.0

Approvals Signature Block

	Name	Signature	Date
Customer	Dr. Victoria Hilford		
DBA	Joel Loucks		3/4/13
DBA	Gabriel Ohlson		3/4/13
TL	Ryan Lee		3/4/13
SQA	Christopher Cruz		3/4/ 2013
SQA	Muhammad Naviwala		03/04/2013

TEAM5OAGS (**O**nLine **A**rt **G**allery **S**ystem) Web Site

The **TEAM5OAGS** web site should be designed using these principles:

- Text must be grammatically sound and spelled correctly. Poor spelling loses credibility points straight away. Ensure that there is plenty of well laid out textual content on the site to attract search engines as well as to inform prospective clients.

- Use keyword and key phrase rich text; that is, utilize copy that includes common phrases that people would enter into search engines when performing a query.

- **TEAM5OAGS** needs to be viewable from at least IE and Firefox browsers.

- Images are a wonderful medium to assist in the online application, especially useful to those clients with poor literacy levels or who are in a rush, as we all seem to be these days. But remember, while a picture may be worth a thousand words in the offline world, its worth next to nothing when it comes to search engines as spiders do not 'see' pictures.

  Image HTML coding should also contain 'alt' tags. This is a textual representation

18   of the image which is useful for the situations where the image doesn't load for

19   some reason. Search engines spiders also latch on to this content, especially if the

20   image is linked to another page. 'alt' text will also pop up when a visitor moves

21   their mouse over the image. Client requires that pictures and (not required) videos

22   be used in **TEAM5OAGS.**

23   •   **TEAM5OAGS** site navigation should be simple and all the questions a consumer

24   may ask should be answered along the way. Where possible, adhere to the "three

25   click rule" - that is, a visitor should be able to access any information regarding

26   your service within 3 clicks of any other area of your web site.

27   •   **TEAM5OAGS** should take advantage of the Javascript and Ajax technologies.

28   •   **TEAM5OAGS** implements a live online support chat allowing communication of

29   guests and customers with **TEAM5 OAGS** operators over the Internet in real

30   time directly from **TEAM5OAGS** web site. No chat information will be stored in

31   the database.

32   •   **TEAM5OAGS** web site will have at least the following pages "**TEAM5OAGS**"

33   home page, "About Us" page, "Contact Us" page, "Testimonials" page with a

E1: Testimonial

34 possible search function. **Testimonials are stored in the database. The search is**

35 **done by a stored procedure.**

36 • **TEAM5OAGS** is a secure web application with a relational database backend
    (1 **E2: Customer "Give" M E1: Testimonial**)   **R1: Give**

37 (**TEAM5OAGS**).   Give

    TestimonialID   **E1: Testimonial – A1: TestimonialID**

38
    TestimonialContent   **E1: Testimonial – A2: TestimonialContent**

39 TestimonialEnteredDate   **E1: Testimonial – A3: TestimonialEnteredDate**

40 **TEAM5** is a small art gallery that sells contemporary European and North American

41 fine art, including lithographs, high-quality reproduction prints, original paintings and

42 other artwork, and photographs. All of the lithographs, prints, and photos are signed and

43 numbered, and the original art is usually signed. **TEAM5** also provides art framing

44 services. It creates a custom frame for each artwork (rather than selling standardized,

45 premade frames) and is known for its excellent collection of frame stock.

46 **TEAM5** emphasizes reproduction artworks of European Impressionist, Abstractionist,

47 and Modernist artists such as Wassily Kandinsky and Henri Matisse. For original art,

48 **TEAM5** concentrates on Northwest School artists, such as Mark Tobey, Morris Graves,

5

49   GuyAnderson, and Paul Horiuchi, and produces shows of contemporary artists who work

50   in the Northwest School tradition or in Northwest Maritime art. The price of new

51   reproduction prints ranges up to $1,000, and prices for contemporary artists range from

52     $500 to $10,000. The price of art from the Northwest School artists varies considerably,

53   depending on the artwork itself. Small pencil, charcoal, or watercolor sketches may sell

54   for as little as $2,000, whereas major works can range from $10,000 to $100,000. Very

55   occasionally, TEAM5 may carry Northwest School art priced up to $500,000, but art

56   priced above $250,000 is more likely to be sold at auction by a major art auction house.

57   TEAM5 has been in business for 30 years and has one full-time owner, three salespeople,

58   and two workers who make frames, hang art in the gallery, and prepare artwork for

59   shipment.

60   TEAM5 holds openings and other gallery events to attract customers to the gallery.

61   TEAM5 owns all of the art that it sells—even sales of contemporary artwork is treated

       R2: purchase   (M E2: Customer "Purchase" M E3: Art)

62   as a purchase by TEAM5 that then is resold to a customer. TEAM5 does not take items

63   on a consignment basis.

64   The requirements for the TEAM5 application are as follows:

artistId **E3: Artist – A1: artistID**

E2: Customer – A2: lastName

E2: Customer

65   First, both the owner and the salespeople want to keep track of Customers last and first

E2: Customer – A7: zip **E2: Customer – A8: country** **E2: Customer – A5: city** **E2: Customer – A3: firstName**

66   names, addresses (street, city, state, zip, country), phone numbers (area code and phone

E2: Customer – A4: Street **E2: Customer – A11: email** **E2: Customer – A9: areaCode**

E2: Customer – A6: state **E2: Customer – A10: phoneNumber**

67   number), and e-mail addresses by requesting a **Customers Report** and want to keep track

E3: Artists

E3: Artist – A3: firstName

68   of Artists' last and first names and nationality by requesting an **Artists Report**. They

E3: Artist – A2: lastName **E3: Artist – A4: nationality**

69   also want to know which artists have appeal to which customers by requesting a

R3: Prefer **E2: Customer – A1: customerID**

70   **Customer Artists Preferences Report** where the Customer Id is the input to such report.

(M E2: Customer "Prefer" M E1: Artist)

71   The salespeople use this information to determine whom to contact when new art arrives

72   and to personalize verbal and e-mail communications with their customers.

E4: Works – A1: workID **E4: Works** **R4: about** **E4: Works – A3: medium**

73   When **TEAM5** purchases new art, data about the artist, the nature of the work, the

(1 E3: Artist "about" M E4: Works)

74   acquisition date, and the acquisition price are recorded in the database backend. Also, on

75   occasion, **TEAM5** repurchases art from a customer and resells it, thus a work may appear

76   in the **TEAM5** gallery multiple times.

77   When art is repurchased, the artist and work data are not reentered, but the most recent

78   acquisition date and price are recorded.

79   There is a policy at **TEAM5** to set the value of AskingPrice equal either to twice the

80   AcquisitionPrice or to the AcquisitionPrice plus the average net gain for sales of this art

7

81   in the past, whichever is greater. An AFTER database trigger

82   **TRANSACTION_AskingPriceInitialValue** is to implement this policy. After declaring

83   program variables, the trigger reads the TRANSACTION table to find out how many

84   TRANSACTION rows exist for this work. Because this is an AFTER trigger, the new

85   TRANSACTION rowfor the work will have already been inserted. Thus, the count will

86   be one if this is the first time the work has been in the gallery. If so, the new value of

87   SalesPrice is set to twice the AcquisitionPrice.

88   If the user variable rowCount is greater than one, then the work has been in the gallery

89   before. To compute the average gain for this work, the trigger uses an

90   **ArtistWorkNetView** view to compute SUM(NetProfit) for this work. The sum is placed

91   in the variable sumNetProfit. Notice that the WHERE clause limits the rows to be used in

92   the view to this particular work. The average is then computed by dividing this sum by

93   rowCount minus one.   **E5: Transaction– A1: trans_id**

E5: Transaction– A6: dateSold **E5: Transaction**

94   In addition, when art is sold a TRANSACTION record with the purchase date,

E5: Transaction– A2: acquisitionPrice   **E5: Transaction– A4: salesPrice**

95   acquisition price, date acquired, sales price, asking price, and identity of the purchasing

E5: Transaction– A3: dateAcquired   **E5: Transaction– A5: askingPrice**

96   customer are stored in the database backend.

97   TEAM5 has a special interest in Mexican painters and never discounts the price of their

98   works. Thus, the SalesPrice of a work must always be at least the AskingPrice. To

99   enforce this rule, TEAM5 database has an insert and update trigger

100   TRANSACTION_CheckSalesPrice on TRANSACTION that checks to see if the work

101   is by a Mexican painter. If so, the SalesPrice is checked against the AskingPrice. If it is

102   less than the AskingPrice, the SalesPrice is reset to the AskingPrice. This, of course, must

103   happen when the art work is actually being sold, and the customer charged the full

Addendum 3:   **E6: Employee— A4: AccountType**

104   amount!

(EmployeeID) (LastName) (FirstName) (AccountType)

105   **E6: Employee— A1: EmployeeID**   **E6: Employee— A3: FirstName**

E6: Employee   **E6: Employee— A2: LastName**

106   [Salespeople] want to examine past purchase data so that they can devote more time to the

R2: purchase   (M **E2: Employee** "Purchase" M **E3: Art**)

107   most active buyers by requesting a **Past Purchase Report**. They also sometimes use the

108   purchase records to identify the location of artworks they have sold in the past by

109   requesting a **Past Purchases Artwork Location Report**.

110   TEAM5 wants to hire you to create TEAM5OAGS web application for these

111   requirements.

112   For marketing purposes, TEAM5 wants its TEAM5OAGS web application to provide a

113   list of artists and works that have appeared in the gallery by requesting an Artist and

114   Works Report. The owner also would like to be able to determine how fast an artist's

115   work sells and at what sales margin by requesting a Speed of Sale Report given an artist

116   Id. The TEAM5OAGS web application also should display current inventory on a web

117   page that customers can access via the Internet by requesting a Current Inventory

118   Report.

119   TEAM5OAGS is a secure web application where owner, sales people, customers have

E2: Customer – A12: username

120   accounts and have the ability to modify their own information (not the USERNAME,

E2: Customer – A13: password

121   PASSWORD, EMAIL ADDRESS which will be assigned by the TEAM5OAGS web

122   application manager/DBA. DBA has access to New Artist Forms and New Customer

123   Forms (it should include the artist's interested nationality) to allow them to add new

124   artists and customers.

Addendum 4.

125

DateOfBirth   E3: Artist – A5: dateOfBirth

DateDeceased   E3: Artist – A6: dateDeceased

Title   E4: Works – A2: title

Description   E4: Works – A4: description

Copy   E3: Artist – A5: copy

126 The contract states that, at the acceptance test, a scenario of usage of the **TEAM5OAGS**

127 will be given to you. **Data about customers, art work, artists, etc. will be given to the**

128 **DBAs for your TEAM5.**

129

130 The client desires that **TEAM5OAGS** be designed and implemented using OO paradigm.

131 Formal Analysis, SRS (Software Requirements Specification) document needs to be

132 signed by the **TEAM5** and the client BEFORE any design is started. A SPMP (Software

133 Project Management Plan) document needs to be delivered before the actual development

134 is started.

135

136 A prototype is highly desirable. Graphical User Interfaces, Web Site Design, each Page

137 Design can expedite the development process.

138

139 **Coordinate with the database backend DBAs in clearly separating what is going to**

140 **be placed in the database and what will be implemented in the database (backend)**

141 versus what will be implemented in the **TEAM5OAGS** web application (front end).
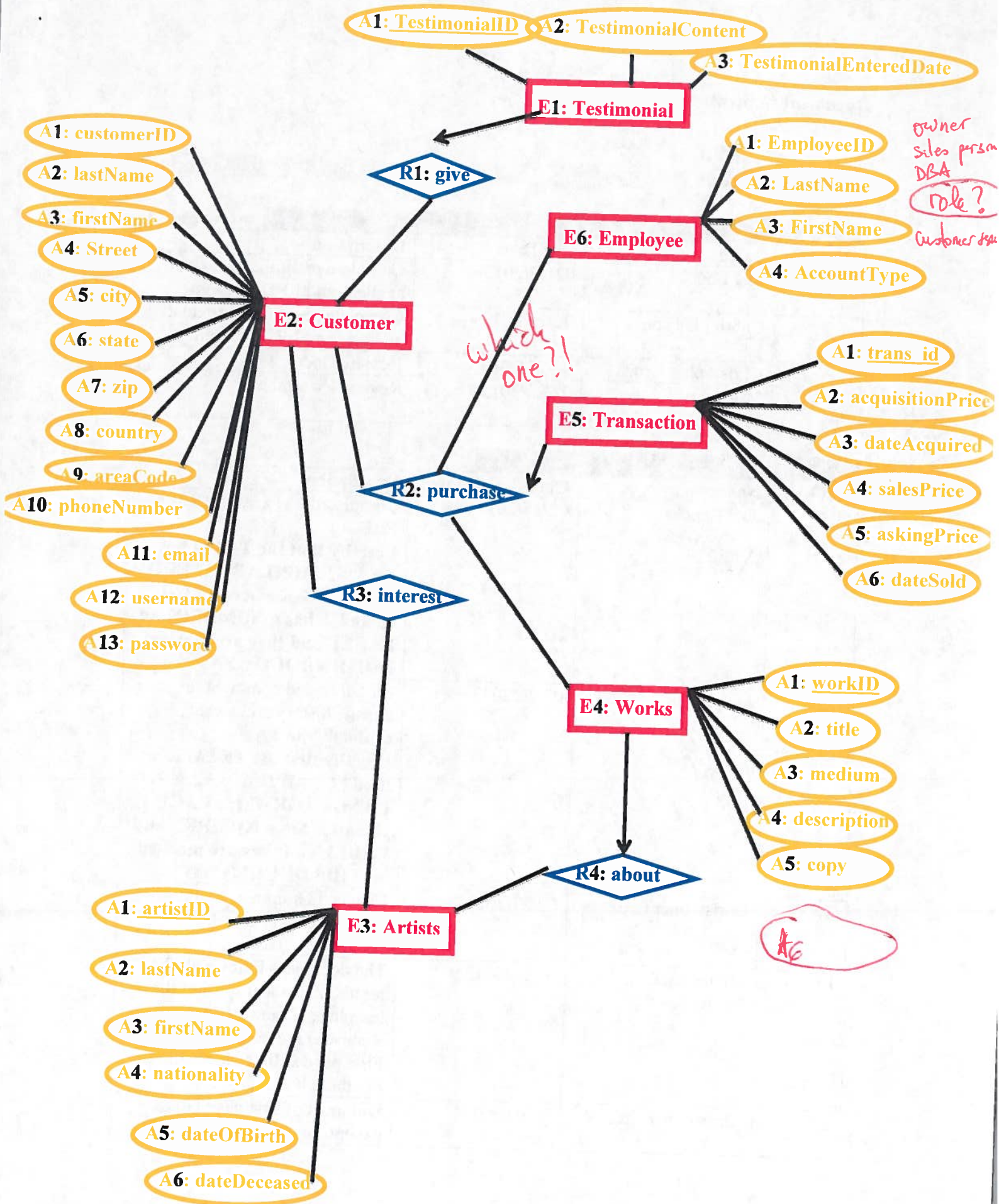
142

143   An MVC (3 tier architecture) is required.

144   NOTE: This requirements document "SE Team Project with Line Numbers.doc" might

145   go through revisions based on your questions. There might be missing requirements;

146   there might be unclear requirements, or conflicting requirements. I can take 5 minutes

147   each class to answer possible questions.

E1: Testimonial
- A1: TestimonialID
- A2: TestimonialContent
- A3: TestimonialEnteredDate

R1: give

E2: Customer
- A1: customerID
- A2: lastName
- A3: firstName
- A4: Street
- A5: city
- A6: state
- A7: zip
- A8: country
- A9: areaCode
- A10: phoneNumber
- A11: email
- A12: username
- A13: password

E6: Employee
- A1: EmployeeID
- A2: LastName
- A3: FirstName
- A4: AccountType

owner
sites persn
DBA
role?
Customer sre

E5: Transaction
- A1: trans_id
- A2: acquisitionPrice
- A3: dateAcquired
- A4: salesPrice
- A5: askingPrice
- A6: dateSold

which one?!

R2: purchase

R3: interest

E4: Works
- A1: workID
- A2: title
- A3: medium
- A4: description
- A5: copy

R4: about

A6

E3: Artists
- A1: artistID
- A2: lastName
- A3: firstName
- A4: nationality
- A5: dateOfBirth
- A6: dateDeceased

13

Document Control

TLs entries (assigned work and due dates) before releasing to the team (all DBAs & SQAs)

Revision	Name	Due Date	Description
1.1	Joel Loucks *DBA*	02/22/2013	Complete preliminary textual analysis and ERD diagram
1.2	Gabriel Ohlson	02/22/2013	Complete preliminary textual analysis and ERD diagram
1.X	Christopher Cruz	02/25/2013	Review Document
1.Y	Muhammad Naviwala	02/25/2013	Review Document

Please add TDs!

TMs entries when they completed their work

Revision	Name	Completed Date	Description
1.A	Joel Loucks *DBA*	02/26/2013	Completed text analysis and ERD **I certify that the TEAM has used "COMPILABLE" ERD LANGUAGE where EACH E, R, and A has a NUMBER and LABEL and they are marked on THIS DOCUMENT.**
1.B	Joel Loucks *DBA*	02/26/2013	Forgot to add comment to change history and added cardinality in TA **I certify that the TEAM has used "COMPILABLE" ERD LANGUAGE where EACH E, R, and A has a NUMBER and LABEL and they are marked on THIS DOCUMENT.**
1.C	Christopher Cruz *SQA*	02/27/2013	Checked Grammar, found some inconsistencies in E#'s numbering, fixed.
1.D	Muhammad Naviwala *SQA*	03/03/2013	The document follows all the requirements and follows the templates. Looks good. Removed the template pages. First page still needs to filled out though.
1.E	Christopher Cruz	03/03/2013	Did most of first page tables except for the last one.

| 1.F | Christopher Cruz | 03/04/2013 | Looks great. Signing off. |
| 1.G | Muhammad Naviwala | 03/04/2013 | Looks good. Signing off. |

TLs entry before PURPLE TEAMS DELIVERABLES

| Revision | Name | Due Date | Description |
| 2.0 | Ryan Lee | 03/01/2013 | I changed Version to 2.0 |

DOCUMENT STORAGE

This file is stored in **SVN** at http://limi.cs.uh.edu/COSC4351/TEAM5/ **DB TEAM PROJECT DELIVERABLES /DB Team Project with Line Numbers for ERD Modeling.doc**.

DO NOT CHANGE the name of the document!!!! It will stay **DB Team Project with Line Numbers for ERD Modeling.doc!!!)**

ERD Model:

(please "Cut" and "Paste from the previous pages then rearrange to create the ERD Model)

TEAM 50 AG S

DRS   (80)   100 points

$\approx 5E_s + 5R_s$

Part 1 | Table 1: Data Requirements $5D$ $\rightarrow \approx 10 D_s$!
-10 | (ERD Model $E_s + R_s \equiv D_s$)
| (40 points)
| $E_s + R_s \equiv D_s$
| 6   4   (10)
| FK -30
| No R_s -20
| (Views ?)

No labels Table 1 / Table 2

Part 2 | Table 2: Constraints   C# 5 (40 points)
No labels | Stored Procedures,   Triggers ? -20 points
| (R_s do not have PK_s ! -20 points)

Please print Single sided

Part 3   ERD Model   (20 points)

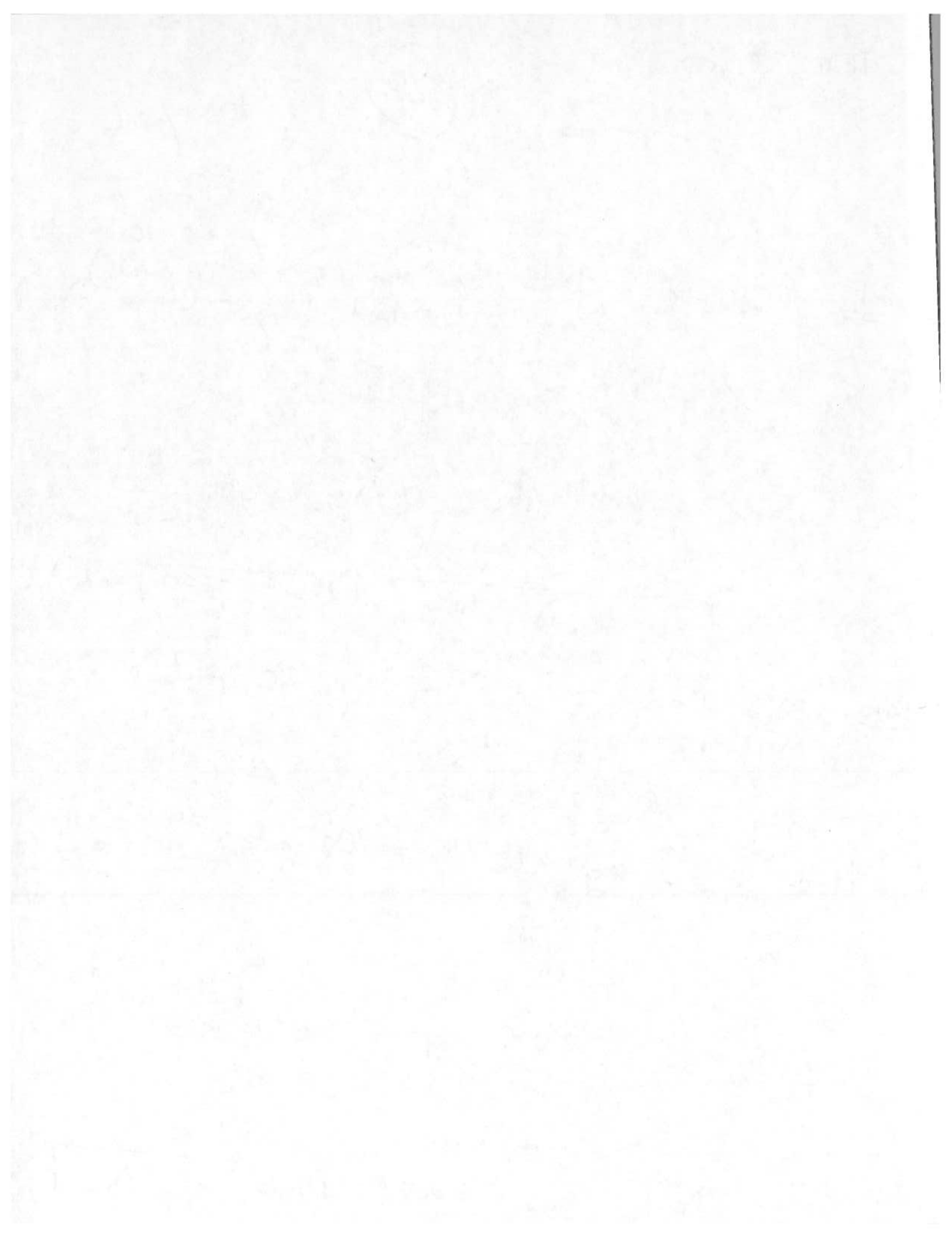"100% matching" the ERD Model -20

Not signed by All ? -10 points per team.

Not in Word -40

No First Page Summary of # D_s
(in Word)   # C_s
(i.e. by hand)

Customer Dr. H has signed DRS? [X]

Data Requirements Specifications (DRS)

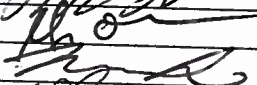Please print single sided!
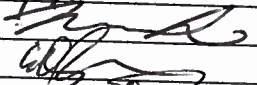
of **D**s: (10) 6 ES + 4 ts

of **C**s: 15 5

Version 2.0

Approvals Signature Block

	Name	Signature	Date
Customer	Dr. Victoria Hilford		
DBA	Joel Loucks		3/4/13
DBA	Gabriel Ohlson		3/4/13
TL	Ryan Lee		3/4/13
SQA	Christopher Cruz		3/4/13
SQA	Muhammad Naviwala		3/4/13

1

fn: **Data Requirements Specification.doc**

WHAT YOU NEED TO TURN IN:

TEXTUAL ANALYSIS on the DB Team Project with Line Numbers.doc (SEPARATE DOCUMENT!!!)

TABLE 1: Data Requirements

TABLE 2: Constraints

FIGURE 1: ERD

TABLE 1: Data Requirements

ID	Detail	Entity Name	Access type (r,w,query)	Line Numbers
D1	Testimonial entity set shall have the following attributes: 1. Testimonial_ID 2. Testimonial_Content 3. Testimonial_Created	E1: Testimonial	 r,query r,w,query r,query	Ad1 33 33 33

ID	Detail	Entity Name	Access type (r,w,query)	Line Numbers
D2	Customer Entity set shall have the following attribute: 1. Customer_ID 2. Last_Name 3. First_Name 4. Street 5. City 6. State 7. Zip 8. Country 9. areaCode 10. phoneNumber 11. Email 12. userName 13. passwod	E2: Customer	 r,query r,query r,query r,query r,query r,w,query r,w,query r,w,query r,w,query r,w,query r,w,query r,w,query w(DBA)	 67 64 62 62 63 63 63 63 63 64

ID	Detail	Entity Name	Access type (r,w,query)	Line Numbers
D3	Artist Entity set shall have the following 4 attributes: 1. Artist_ID 2. Last_Name 3. First_Name	E3: Artist	 r,query r,w,query r,w,query	 64 65 65

One Heading

One Table

One

3

ID	Detail	Entity Name	Access type (r,w,query)	Line Numbers
	4. Nationality		r,w,query	65
	5. DateOfBirth		r,w,query	Ad3
	6. DateDeceased		r,w,query	Ad3

ID	Detail	Entity Name	Access type (r,w,query)	Line Numbers
D4	Art entity set shall have the following 1 attributes: 1. Works_ID 2. Title 3. Medium 4. Description 5. Copy	E4: Works	r,query r,w,query r,w,query r,w,query r,w,query r,w,query	70 70 71 71 76 Ad3

r

ID	Detail	Entity Name	Access type (r,w,query)	Line Numbers
D5	Transaction entity set shall have the following 1 attributes: 1. Transaction_ID 2. Acquisition_Price 3. Date_Acquired 4. Sales_Price 5. Asking_Price 6. DateSold	E5: Transaction	r,query r,w,query r,w,query r,w,query r,w,query r,w,query	91 92 92 92 92 92

ID	Detail	Relationship Name	Connects Entity Sets	Cardinality	Line Numbers
D7	Gives relationship set	R1: Gives	Customer & Testimonial	1 M	31

ID	Detail	Relationship Name	Connects Entity Sets	Cardinality	Line Numbers
D8	About relationship set	R2: About	Artist & Art	1 M	70

ID	Detail	Relationship Name	Connects Entity Sets	Cardinality	Line Numbers
D9	Interest relationship set	R3: Interest	Customer & Artist	M 1	67

ID	Detail	Relationship Name	Connects Entity Sets	Cardinality	Line Numbers
D10	Purchase relationship set	R4: Purchase	Customer & Art	M M	91

TABLE 2: Constraints Table

ID	Detail	Entity Set	Constraint
C1 C2 C3	1. Testimonial_ID 2. Testimonial_Content 3. Testimonial_Created	E1: Testimonial	PK NOT NULL NOT NULL

ID	Detail	Entity Set	Constraint
C4	1. Customer_ID 2. lastName 3. firstName 4. Street 5. City	E2: Customer	PK NOT NULL NOT NULL NOT NULL NOT NULL

5

			NOT NULL
	6. State		NOT NULL
	7. Zip		NOT NULL
	8. Country		NOT NULL
	9. areaCode		NOT NULL
	10. phoneNumber		NOT NULL
	11. Email		NOT NULL
	12. userName		NOT NULL
	13. password		

ID	Detail	Entity Set	Constraint
C5	1. Artist_ID	E3: Artist	PK ✓
C6	2. Last_Name		NOT NULL
C7	3. First_Name		NOT NULL

ID	Detail	Entity Set	Constraint
C5	1. Works_ID	E4: Works	PK ✓
C6	2. Title		NOT NULL
C7	3. Medium		NOT NULL
C8	4. Description		NOT NULL
C9	5. Copy		NOT NULL

ID	Detail	Entity Set	Constraint
C10	1. Transaction_ID	E5: Transaction	PK ✓
C11	2. Acquisition_Price		NOT NULL
C12	3. Date_Acquired		NOT NULL
C13	4. Sales_Price		NOT NULL
C14	5. Asking_Price		NOT NULL
C15	6. DateSold		NOT NULL

6

Entity-Relationship Diagram

E1: Testimonial
- A1: TestimonialID
- A2: TestimonialContent
- A3: TestimonialEnteredDate

R1: give

E2: Customer
- A1: customerID
- A2: lastName
- A3: firstName
- A4: Street
- A5: city
- A6: state
- A7: zip
- A8: country
- A9: areaCode
- A10: phoneNumber
- A11: email
- A12: username
- A13: password

E6: Employee
- A1: EmployeeID
- A2: LastName
- A3: FirstName
- A4: AccountType

E5: Transaction
- A1: trans_id
- A2: acquisitionPrice
- A3: dateAcquired
- A4: salesPrice
- A5: askingPrice
- A6: dateSold

R2: purchase

R3: interest

E4: Works
- A1: workID
- A2: title
- A3: medium
- A4: description
- A5: copy

R4: about

E3: Artists
- A1: artistID
- A2: lastName
- A3: firstName
- A4: nationality
- A5: dateOfBirth
- A6: dateDeceased

Will be intersting to see how will be pload

8

DOCUMENT CONTROL

CHANGE HISTORY

TLs entries (assigned work and due dates) before releasing to the team (all DBAs & SQAs)

Revision	Name	Due Date	Description
1.1	Gabriel Ohlson DBA	03/01/2013	Complete DRS
1.2	Joel Loucks	03/01/2013	Complete DRS (exempt if already completed)
1.X	Christopher Cruz	03/02/2013	Review Document
1.Y	Muhammad Naviwala SQAS	03/02/2013	Review Document

TMs entries when they completed their work

Revision	Name	Completed Date	Description
1.1	Gabriel Ohlson	02/27/2013	**Completed DRS** **I certify that the TEAM has used "COMPILABLE" ERD LANGUAGE where EACH E, R, and A has a NUMBER and LABEL and they are marked on THIS DOCUMENT.** → this is an example
1.2	Muhammad Naviwala	03/03/2013	**After looking at the templates and the "Grading for the TEAM PROJECT ANALYSIS MODEL Deliverables" document, this DRS document looks fine.** **I certify that the TEAM has used "COMPILABLE" ERD LANGUAGE where EACH E, R, and A has a NUMBER and LABEL and they are marked on THIS DOCUMENT.**
1.3	Christopher Cruz	03/02/2013	Looks great, edited some grammar.
1.4	Christopher Cruz	03/04/2013	Looks great. Signing off.
1.5	Muhammad Naviwala	03/04/2013	Looks good. Signing off.

Add rols!

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Revision	Name	Due Date	Description
2.0	Ryan Lee	03/03/2013	I changed Version to 2.0

DOCUMENT STORAGE

This file is stored in **SVN** at http://limi.cs.uh.edu/COSC4351/team**?**/**DB TEAM PROJECT DELIVERABLES**/**Data Requirements Specification.doc**.
DO NOT CHANGE the name of the document!!!! It will stay **Data Requirements Specification.doc**!!!)

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CHANGE HISTORY

Revision	Name	Date	Description
1.4	TL Name		I certify that ALL TEAM MEMBERS HAVE entries in this CHANGE HISTORY and the DOCUMENT IS READY TO BE PASSED TO THE SQAs.
1.1	Gabriel Ohlson		Completed DRS I certify that the TEAM has used "COMPILABLE" ERD LANGUAGE where EACH E, R, and A has a NUMBER and LABEL and they are marked on THIS DOCUMENT.
1.2	Muhammad Naviwala	03/03/2013	After looking at the templates and the "Grading for the TEAM PROJECT ANALYSIS MODEL Deliverables" document, this DRS document looks fine. I certify that the TEAM has used "COMPILABLE" ERD LANGUAGE where EACH E, R, and A has a NUMBER and LABEL and they are marked on THIS DOCUMENT.

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