

# **KENTUCKY HORSEMEN'S BENEVOLENT AND PROTECTIVE ASSOCIATION**

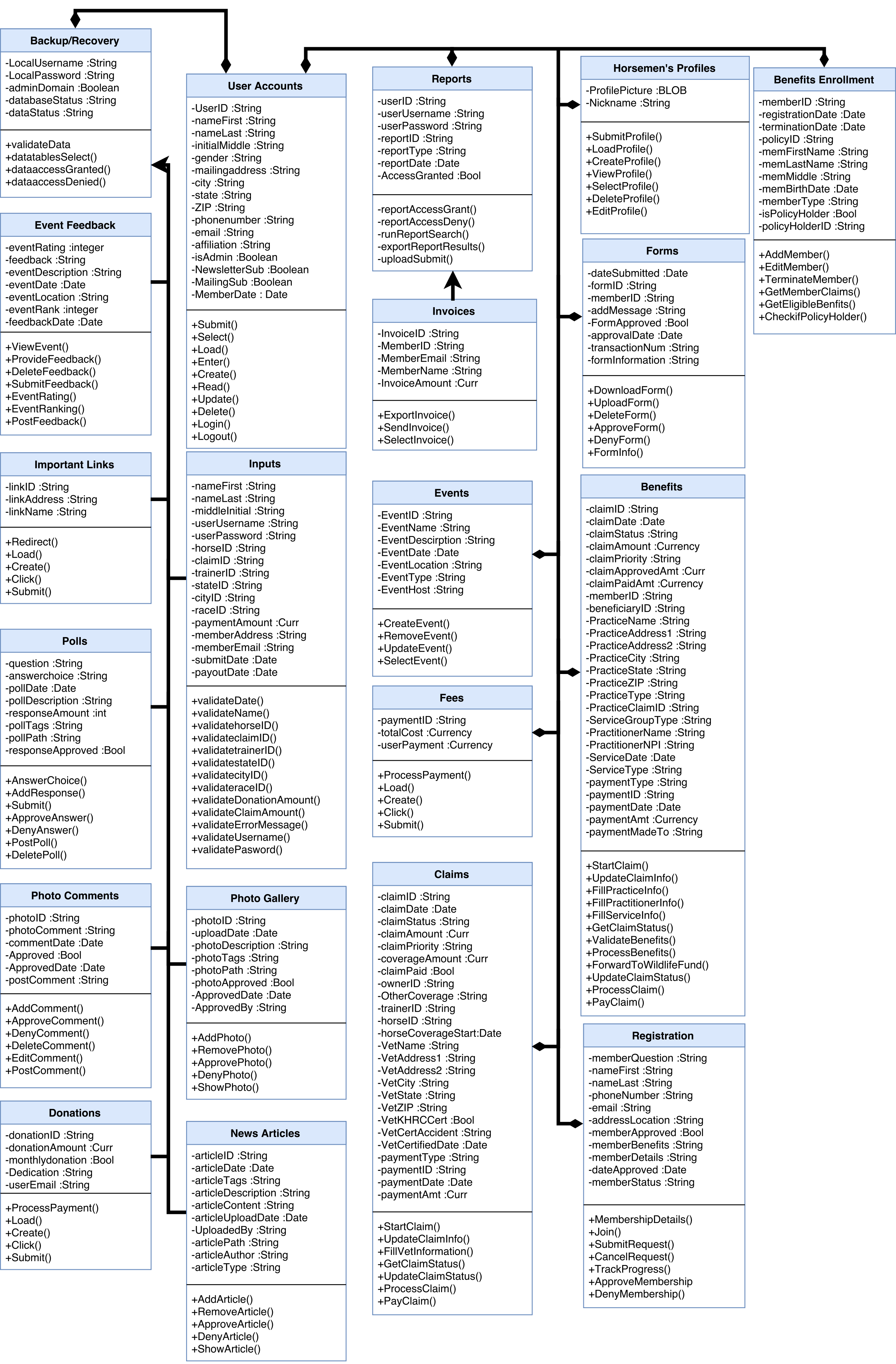
ITERATION FIVE

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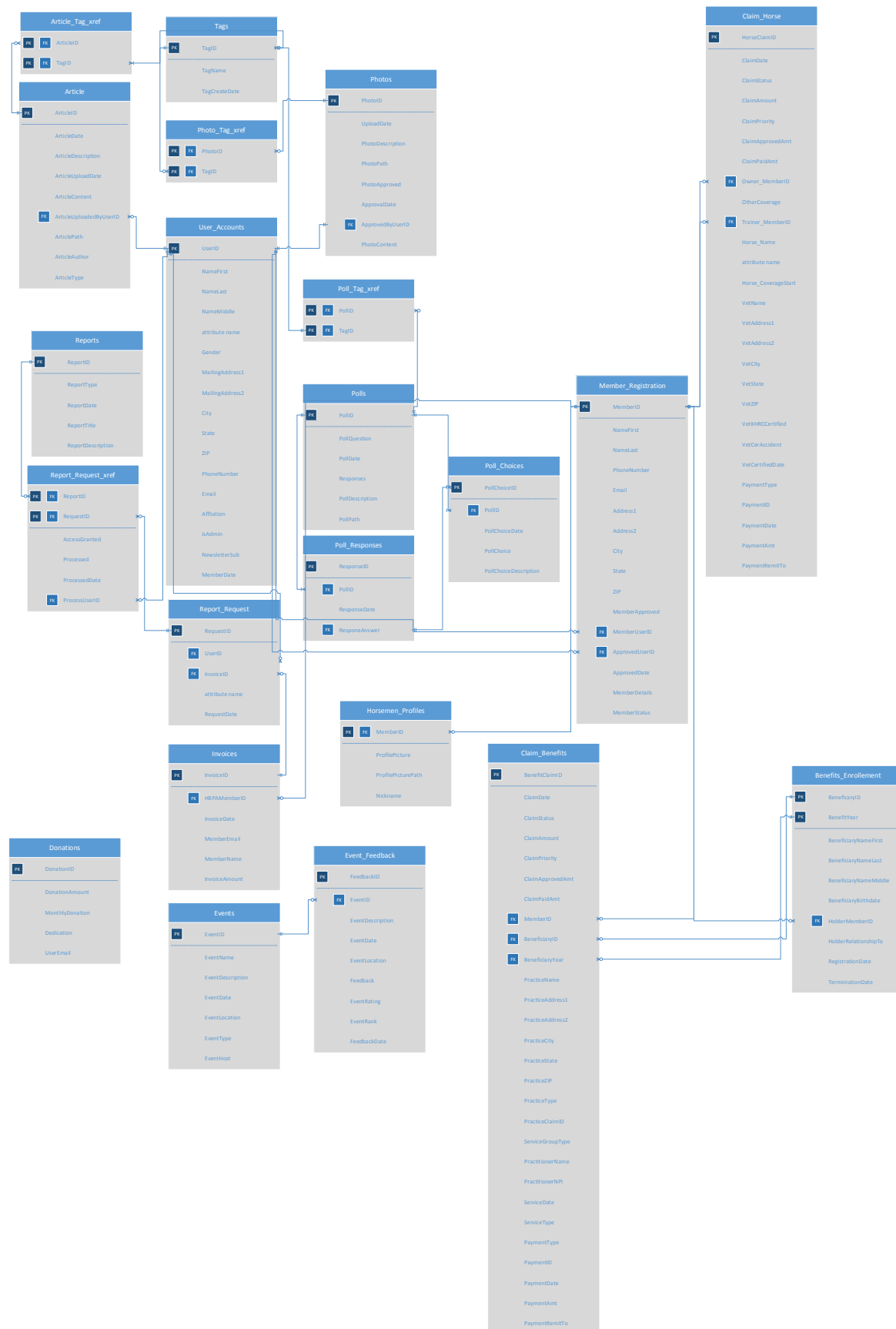
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The Class Diagram is a structural diagram that describes how a system may be laid out in order to identify the classes, their attributes, methods, and the relationships between the objects in the diagram. This particular diagram show how someone visiting the KHBPA website will have access to certain features based on their account privileges. This diagram was created using a verb-noun analysis, where nouns are placed in each class as instances of an object and verbs are actions that can be performed on these instances.



Below is an Entity Relationship Diagram of how we believe your database should be designed. The database has been designed so that it would be in 3NF, which means that there are as few redundancies in the table as possible preventing potential anomalies. This also ensures that if data is updated in one place it is updated everywhere it is linked. This process would allow for easier record keeping and more efficient access of data.



A data dictionary is used to help maintain a database. It contains relevant information of the variables used in the database as well as a brief description of their purpose. Other useful information contained in the data dictionary is the type of each variable and its size. Below is an example of the data dictionary that may be used by the KHBPA when designing their database.

**TABLE:dbo.Article\_Tag\_Xref (Article to Tag Cross Reference)**

**Schema** dbo  
**Name** Article\_Tag\_Xref  
**Title** Article to Tag Cross Reference  
Maps Articles to Tags

**Columns**

|                        | <b>PK</b> | <b>Name</b>            | <b>Data type</b> |
|------------------------|-----------|------------------------|------------------|
| 1                      |           | ArticleID (Article ID) | varchar(255)     |
| Unique ID for Articles |           |                        |                  |
| 2                      |           | TagID (Tag ID)         | varchar(255)     |
| Unique ID for Tags     |           |                        |                  |

**TABLE:dbo.Articles (Articles)**

**Schema** dbo  
**Name** Articles  
**Title** Articles  
Articles written by KHBPA staff that is published to website visitors.

**Columns**

|   | <b>PK</b> | <b>Name</b>                                | <b>Data type</b> |
|---|-----------|--|------------------|
| 1   |           | ArticleID (Article ID)                     | varchar(255)     |
| Unique ID for Article                                     |           |  |                  |
| 2   |           | ArticleDate (Article Date)                 | date             |
| Date Article was created                                  |           |  |                  |
| 3   |           | ArticleDescription (Article Description)   | varchar(255)     |
| Description of Article                                    |           |  |                  |
| 4   |           | ArticleUploadDate (Upload Date)            | date             |
| Date of Article Upload                                    |           |  |                  |
| 5   |           | ArticleContent (Article Content)           | varchar(MAX)     |
| HTML content of article                                   |           |  |                  |
| 6   |           | ArticleUploadedByUserID (Uploader UserID ) | varchar(255)     |
| The USERID of the staff member who published the article. |           |  |                  |

## Columns

|   | <b>PK</b> | <b>Name</b>                    | <b>Data type</b> |
|---|-----------|--------------------------------|------------------|
| 7 |           | ArticlePath (Article Path)     | varchar(255)     |
|   |           | HTML src path for article      |                  |
| 8 |           | ArticleAuthor (Article Author) | varchar(255)     |
|   |           | Author of the Article          |                  |
| 9 |           | ArticleType (Type of Article)  | varchar(255)     |
|   |           | Type of the article            |                  |

## TABLE:dbo.Benefits\_Enrollement (Benefits Enrollement)

|               |  |
|---------------|--|
| <b>Schema</b> | dbo  |
| <b>Name</b>   | Benefits_Enrollement                                     |
| <b>Title</b>  | Benefits Enrollement                                     |
|               | Enrollement of KHBPA members and their dependents along. |

## Columns

|   | <b>PK</b> | <b>Name</b>                   | <b>Data type</b> |
|---|-----------|-------------------------------|------------------|
| 1 |           | BeneficiaryID                 | varchar(255)     |
|   |           | Beneficiary ID                |                  |
| 2 |           | BenefitYear                   | varchar(4)       |
|   |           | Benefit Year                  |                  |
| 3 |           | BeneficiaryNameFirst          | varchar(255)     |
|   |           | First Name of Beneficiary     |                  |
| 4 |           | BeneficiaryNameLast           | varchar(255)     |
|   |           | Last Name of Beneficiary      |                  |
| 5 |           | BeneficiaryNameMiddle         | varchar(255)     |
|   |           | Middle Name of Beneficiary    |                  |
| 6 |           | BeneficiaryBirthdate          | date             |
|   |           | Birth Date of Beneficiary     |                  |
| 7 |           | HolderMemberID                | varchar(255)     |
|   |           | KHBPA Member ID of the holder |                  |



## Columns

|   | PK | Name                 | Data type    |
|---|----|----------------------|--------------|
| 8   |    | HolderRelationshipTo | varchar(255) |
| Relationship of beneficiary to KHBPA Member |    |                      |              |
| 9   |    | RegistrationDate     | date         |
| Registration Date of Benefits               |    |                      |              |
| 10  |    | TerminationDate      | date         |
| Termination Date of Benefits                |    |                      |              |

## TABLE:dbo.Claims\_Benefits (Member Benefits Claims)

|  |                        |
|--|------------------------|
| <b>Schema</b>                            | dbo                    |
| <b>Name</b>                              | Claims_Benefits        |
| <b>Title</b>                             | Member Benefits Claims |
| Claims submitted against member benefits |                        |

## Columns

|  | PK | Name             | Data type    |
|--|----|------------------|--------------|
| 1  |    | BenefitClaimID   | varchar(255) |
| Unique Claim ID  |    |                  |              |
| 2  |    | ClaimDate        | date         |
| Claim Date   |    |                  |              |
| 3  |    | ClaimStatus      | varchar(1)   |
| Status of the claim  |    |                  |              |
| 4  |    | ClaimAmount      | money        |
| Amount Billed for claim  |    |                  |              |
| 5  |    | ClaimPriority    | varchar(1)   |
| Priority of KHBPA Claim (Primary, Secoundar, Tertiary) against other benefits/insurance/ |    |                  |              |
| 6  |    | ClaimApprovedAmt | money        |
| Approved Amount of Claim   |    |                  |              |
| 7  |    | ClaimPaidAmt     | money        |
| Amount of Approved paid  |    |                  |              |

## Columns

|  | <b>PK</b> | <b>Name</b>      | <b>Data type</b> |
|--|-----------|------------------|------------------|
| 8  |           | MemberID         | varchar(255)     |
| Member ID  |           |                  |                  |
| 9  |           | BeneficiaryID    | varchar(255)     |
| Beneficiary ID   |           |                  |                  |
| 10   |           | BenefitYear      | varchar(4)       |
| Benefit Year   |           |                  |                  |
| 11   |           | PracticeName     | varchar(255)     |
| Practice Name of provider claim  |           |                  |                  |
| 12   |           | PracticeAddress1 | varchar(255)     |
| Address Line 1 of Practice   |           |                  |                  |
| 13   |           | PracticeAddress2 | varchar(255)     |
| Address Line 2 of Practice   |           |                  |                  |
| 14   |           | PracticeCity     | varchar(255)     |
| City Name of Practice  |           |                  |                  |
| 15   |           | PracticeState    | varchar(255)     |
| State Name of Practice   |           |                  |                  |
| 16   |           | PracticeZip      | varchar(10)      |
| ZIP code of Practice   |           |                  |                  |
| 17   |           | PracticeType     | varchar(255)     |
| Type of Practice (Inpatient, Outpatient)                                     |           |                  |                  |
| 18   |           | PracticeClaimID  | varchar(255)     |
| Claim ID of provider claim   |           |                  |                  |
| 19   |           | ServiceGroupType | varchar(255)     |
| Service Group type (Substance Abuse, Outpatient Medical, Outpatient Therapy) |           |                  |                  |
| 20   |           | PractitionerName | varchar(255)     |
| Practitioner Name of Service   |           |                  |                  |

## Columns

|  | PK | Name            | Data type    |
|--|----|-----------------|--------------|
| 21   |    | PractitionerNPI | varchar(255) |
| Practitioner NPI of Service                                      |    |                 |              |
| 22   |    | ServiceDate     | date         |
| Service Date   |    |                 |              |
| 23   |    | ServiceType     | varchar(255) |
| Service Type (Group, individual, Office Visit, Physical Therapy) |    |                 |              |
| 24   |    | PaymentType     | varchar(255) |
| Type of payment (check, cash)                                    |    |                 |              |
| 25   |    | PaymentID       | varchar(255) |
| ID of payment (Check Number, EFT Number)                         |    |                 |              |
| 26   |    | PaymentDate     | date         |
| Date of Payment  |    |                 |              |
| 27   |    | PaymentAmount   | money        |
| Amount of Payment  |    |                 |              |
| 28   |    | PaymentRemitTo  | varchar(255) |
| Payment was sent/given to  |    |                 |              |

## TABLE:dbo.Claims\_Horse (Member Horses Claims)

|                   |                      |
|-------------------|----------------------|
| <b>Schema</b>     | dbo                  |
| <b>Name</b>       | Claims_Horse         |
| <b>Title</b>      | Member Horses Claims |
| Claims for Horses |                      |

## Columns

|                 | PK | Name         | Data type    |
|-----------------|----|--------------|--------------|
| 1               |    | HorseClaimID | varchar(255) |
| Unique Claim ID |    |              |              |
| 2               |    | ClaimDate    | varchar(255) |
| Date of Claim   |    |              |              |

## Columns

|  | <b>PK</b> | <b>Name</b>         | <b>Data type</b> |
|--|-----------|---------------------|------------------|
| 3                                      |           | ClaimStatus         | varchar(255)     |
| Status of Claim (Open,Paid,Denied)     |           |                     |                  |
| 4                                      |           | ClaimAmount         | money            |
| Amount of Claim                        |           |                     |                  |
| 5                                      |           | ClaimPriority       | varchar(1)       |
| Priority of Claim (Primary, Secondary) |           |                     |                  |
| 6                                      |           | CoveredAmount       | money            |
| Amount KHBPA will cover on claim       |           |                     |                  |
| 7                                      |           | ClaimPaid           | bit              |
| Payment of Claim                       |           |                     |                  |
| 8                                      |           | Owner_MemberID      | varchar(255)     |
| Owner of Horse Member ID               |           |                     |                  |
| 9                                      |           | OtherCoverage       | bit              |
| Other Coverage Indicator               |           |                     |                  |
| 10                                     |           | Trainer_MemberID    | varchar(255)     |
| Trainer of Horse Member ID             |           |                     |                  |
| 11                                     |           | Horse_Name          | varchar(255)     |
| Name of Horse                          |           |                     |                  |
| 12                                     |           | Horse_CoverageStart | date             |
| Horse Coverage Start Date              |           |                     |                  |
| 13                                     |           | VetName             | varchar(255)     |
| Name of Vet                            |           |                     |                  |
| 14                                     |           | VetAddress1         | varchar(255)     |
| Address Line 1 of Vet Practice         |           |                     |                  |
| 15                                     |           | VetAddress2         | varchar(255)     |
| Address Line 2 of Vet Practice         |           |                     |                  |

## Columns

|  | <b>PK</b> | <b>Name</b>      | <b>Data type</b> |
|--|-----------|------------------|------------------|
| 16                                       |           | VetCity          | varchar(255)     |
| City of Vet Practice                     |           |                  |                  |
| 17                                       |           | VetState         | varchar(255)     |
| State of Vet Practice                    |           |                  |                  |
| 18                                       |           | VetZip           | varchar(10)      |
| Zip of Vet Practice                      |           |                  |                  |
| 19                                       |           | VetKHRCCertified | bit              |
| is this vet Certified by KHRC            |           |                  |                  |
| 20                                       |           | VetCerAccident   | bit              |
| has the vet certified this incident      |           |                  |                  |
| 21                                       |           | VetCertifiedDate | date             |
| Date of when vet certified incident      |           |                  |                  |
| 22                                       |           | PaymentType      | varchar(255)     |
| ID of payment (Check Number, EFT Number) |           |                  |                  |
| 23                                       |           | PaymentID        | varchar(255)     |
| Date of Payment                          |           |                  |                  |
| 24                                       |           | PaymentDate      | date             |
| Amount of Payment                        |           |                  |                  |
| 25                                       |           | PaymentAmount    | money            |
| Payment was sent/given to                |           |                  |                  |

## TABLE:dbo.Donations (Donations)

|                                 |           |
|---------------------------------|-----------|
| <b>Schema</b>                   | dbo       |
| <b>Name</b>                     | Donations |
| <b>Title</b>                    | Donations |
| Donations by visitors of KHBPA. |           |

## Columns

|   | PK | Name            | Data type    |
|---|----|-----------------|--------------|
| 1                                       |    | DonationID      | varchar(255) |
| Unique ID of the donation               |    |                 |              |
| 2                                       |    | DonationAmount  | money        |
| Donation Amount                         |    |                 |              |
| 3                                       |    | MonthlyDonation | bit          |
| indicator if this is a monthly donation |    |                 |              |
| 4                                       |    | Dedication      | varchar(255) |
| Dedication for the donation             |    |                 |              |
| 5                                       |    | UserEmail       | varchar(255) |
| User email of donator                   |    |                 |              |

## TABLE:dbo.Event\_Feedback (Feedback on Events)

|                                     |                    |
|-------------------------------------|--------------------|
| <b>Schema</b>                       | dbo                |
| <b>Name</b>                         | Event_Feedback     |
| <b>Title</b>                        | Feedback on Events |
| Feedback on Events on KHBPA website |                    |

## Columns

|                            | PK | Name             | Data type    |
|----------------------------|----|------------------|--------------|
| 1                          |    | EventID          | varchar(255) |
| Unique ID of Event         |    |                  |              |
| 2                          |    | EventDescription | varchar(255) |
| Description of Events      |    |                  |              |
| 3                          |    | EventDate        | date         |
| Date of the Event          |    |                  |              |
| 4                          |    | EventLocation    | varchar(255) |
| Location of the Event      |    |                  |              |
| 5                          |    | Feedback         | varchar(255) |
| Feedback text on the Event |    |                  |              |

## Columns

|                            | PK | Name         | Data type |
|----------------------------|----|--------------|-----------|
| 6                          |    | EventRating  | int       |
| Rating of the Event (1-5)  |    |              |           |
| 7                          |    | EventRank    | int       |
| Rank of the Event          |    |              |           |
| 8                          |    | FeedbackDate | date      |
| Feedback date of the Event |    |              |           |

## TABLE:dbo.Horsemen\_Profiles (Profile for Horsemen)

|                   |                      |
|-------------------|----------------------|
| <b>Schema</b>     | dbo                  |
| <b>Name</b>       | Horsemen_Profiles    |
| <b>Title</b>      | Profile for Horsemen |
| Horsemen Profiles |                      |

## Columns

|                      | PK | Name               | Data type      |
|----------------------|----|--------------------|----------------|
| 1                    |    | ProfilePicture     | varbinary(MAX) |
| contains the img     |    |                    |                |
| 2                    |    | ProfilePicturePath | varchar(255)   |
| html src for the img |    |                    |                |
| 3                    |    | Nickname           | varchar(255)   |
| nickname             |    |                    |                |

## TABLE:dbo.Invoices (Invoices)

|                              |          |
|------------------------------|----------|
| <b>Schema</b>                | dbo      |
| <b>Name</b>                  | Invoices |
| <b>Title</b>                 | Invoices |
| Invoices created for payment |          |

## Columns

|                          | PK | Name      | Data type    |
|--------------------------|----|-----------|--------------|
| 1                        |    | InvoiceID | varchar(255) |
| Unique ID of the Invoice |    |           |              |

## Columns

|                             | <b>PK</b> | <b>Name</b>   | <b>Data type</b> |
|-----------------------------|-----------|---------------|------------------|
| 2                           |           | HBPAMemberID  | varchar(255)     |
| KHBPA Member ID             |           |               |                  |
| 3                           |           | InvoiceDate   | datetime         |
| Date of the Invoice Created |           |               |                  |
| 4                           |           | MemberEmail   | varchar(255)     |
| Email of the Member         |           |               |                  |
| 5                           |           | MemberName    | varchar(255)     |
| Member Name                 |           |               |                  |
| 6                           |           | InvoiceAmount | money            |
| Amount on the Invoice       |           |               |                  |

## TABLE:dbo.Member\_Registration (Registration for Members)

|                              |                          |
|------------------------------|--------------------------|
| <b>Schema</b>                | dbo                      |
| <b>Name</b>                  | Member_Registration      |
| <b>Title</b>                 | Registration for Members |
| Registration for the Members |                          |

## Columns

|                                | <b>PK</b> | <b>Name</b> | <b>Data type</b> |
|--------------------------------|-----------|-------------|------------------|
| 1                              |           | MemberID    | varchar(255)     |
| Unique ID for the KHBPA Member |           |             |                  |
| 2                              |           | NameFirst   | varchar(255)     |
| First Name of the Member       |           |             |                  |
| 3                              |           | NameLast    | varchar(255)     |
| Last Name of the Member        |           |             |                  |
| 4                              |           | PhoneNumber | varchar(10)      |
| Phone Number of the Member     |           |             |                  |
| 5                              |           | Email       | varchar(255)     |
| Email Address of the Member    |           |             |                  |



## Columns

|  | <b>PK</b> | <b>Name</b>      | <b>Data type</b> |
|--|-----------|------------------|------------------|
| 6  |           | Address1         | varchar(255)     |
| Address Line 1 for the Member              |           |                  |                  |
| 7  |           | Address2         | varchar(255)     |
| Address Line 2 for the Member              |           |                  |                  |
| 8  |           | City             | varchar(255)     |
| City of the Member                         |           |                  |                  |
| 9  |           | State            | varchar(255)     |
| State of the Member                        |           |                  |                  |
| 10   |           | Zip              | varchar(10)      |
| Zip of the Member                          |           |                  |                  |
| 11   |           | MemberApproved   | bit              |
| indicator if this member has been approved |           |                  |                  |
| 12   |           | MemberUserID     | varchar(255)     |
| User ID of the Memembr                     |           |                  |                  |
| 13   |           | ApprovedByUserID | varchar(255)     |
| User ID of the staff who approved          |           |                  |                  |
| 14   |           | ApprovedDate     | datetime         |
| Date of the Approval                       |           |                  |                  |
| 15   |           | MemberDetails    | varchar(255)     |
| Member Details                             |           |                  |                  |
| 16   |           | MemberStatus     | varchar(255)     |
| Member Status                              |           |                  |                  |

## TABLE:dbo.Photo\_Tag\_Xref (Photo to Tag Cross Reference)

|                              |                              |
|------------------------------|------------------------------|
| <b>Schema</b>                | dbo                          |
| <b>Name</b>                  | Photo_Tag_Xref               |
| <b>Title</b>                 | Photo to Tag Cross Reference |
| Photo to Tag Cross Reference |                              |

## Columns

|          | PK | Name    | Data type    |
|----------|----|---------|--------------|
| 1        |    | PhotoID | varchar(255) |
| Photo ID |    |         |              |
| 2        |    | TagID   | varchar(255) |
| Tag ID   |    |         |              |

## TABLE:dbo.Photos (Photos)

|               |        |
|---------------|--------|
| <b>Schema</b> | dbo    |
| <b>Name</b>   | Photos |
| <b>Title</b>  | Photos |

Tables that contain the Photos and information

## Columns

|                                      | PK | Name             | Data type      |
|--------------------------------------|----|------------------|----------------|
| 1                                    |    | PhotoID          | varchar(255)   |
| Unique Photo ID                      |    |                  |                |
| 2                                    |    | UploadDate       | date           |
| Date of the Upload                   |    |                  |                |
| 3                                    |    | PhotoDescription | varchar(255)   |
| Description of the photo             |    |                  |                |
| 4                                    |    | PhotoPath        | varchar(255)   |
| HTML src photo path                  |    |                  |                |
| 5                                    |    | PhotoApproved    | bit            |
| indicator if Photo has been approved |    |                  |                |
| 6                                    |    | ApprovalDate     | date           |
| Approval Date of photo               |    |                  |                |
| 7                                    |    | ApprovedByUserID | varchar(255)   |
| User ID approval                     |    |                  |                |
| 8                                    |    | PhotoContent     | varbinary(MAX) |
| Content of the Photo                 |    |                  |                |

## TABLE:dbo.Poll\_Responses (Responses of the Poll)

**Schema** dbo  
**Name** Poll\_Responses  
**Title** Responses of the Poll

When a poll is completed, this table houses the answers.

### Columns

|               | PK | Name           | Data type    |
|---------------|----|----------------|--------------|
| 1             |    | ReponseID      | varchar(255) |
| Unique ID     |    |                |              |
| 2             |    | PollID         | varchar(255) |
| Poll ID       |    |                |              |
| 3             |    | ResponseDate   | date         |
| Response Date |    |                |              |
| 4             |    | ResponseAnswer | varchar(255) |

Choice ID of the Answer

## TABLE:dbo.Poll\_Tag\_Xref (Poll to Tag Cross Reference)

**Schema** dbo  
**Name** Poll\_Tag\_Xref  
**Title** Poll to Tag Cross Reference

Cross reference for Polls to the Tag

### Columns

|         | PK | Name      | Data type    |
|---------|----|-----------|--------------|
| 1       |    | PollID    | varchar(255) |
| Poll ID |    |           |              |
| 2       |    | PollTagID | varchar(255) |
| Tag ID  |    |           |              |

## TABLE:dbo.Polls (Polls)

**Schema** dbo  
**Name** Polls  
**Title** Polls  
**Module** [New module](#)

Contains the Poll Data

## Columns

|                         | <b>PK</b> | <b>Name</b>     | <b>Data type</b> |
|-------------------------|-----------|-----------------|------------------|
| 1                       |           | PollID          | varchar(255)     |
| Unique ID of a Poll     |           |                 |                  |
| 2                       |           | PollQuestion    | varchar(255)     |
| Question of the Poll    |           |                 |                  |
| 3                       |           | PollDate        | varchar(255)     |
| Date Poll was published |           |                 |                  |
| 4                       |           | Responses       | int              |
| Count of responses      |           |                 |                  |
| 5                       |           | PollDescription | varchar(255)     |
| Description of the poll |           |                 |                  |
| 6                       |           | PollPath        | varchar(255)     |
| Src path of the poll    |           |                 |                  |

## TABLE:dbo.Report\_Request (Report Requests)

|                                |                 |
|--------------------------------|-----------------|
| <b>Schema</b>                  | dbo             |
| <b>Name</b>                    | Report_Request  |
| <b>Title</b>                   | Report Requests |
| Houses requests of the reports |                 |

## Columns

|            | <b>PK</b> | <b>Name</b> | <b>Data type</b> |
|------------|-----------|-------------|------------------|
| 1          |           | RequestID   | varchar(255)     |
| Unique ID  |           |             |                  |
| 2          |           | UserID      | varchar(255)     |
| User ID    |           |             |                  |
| 3          |           | InvoiceID   | varchar(255)     |
| Invoice ID |           |             |                  |
| 4          |           | RequestDate | datetime         |

## Columns

|   | PK | Name                              | Data type |
|---|----|-----------------------------------|-----------|
| Request Date  |    |                                   |           |
| TABLE:dbo.Report_Request_xref (Report to Request Cross Reference) |    |                                   |           |
| Schema  |    | dbo                               |           |
| Name  |    | Report_Request_xref               |           |
| Title   |    | Report to Request Cross Reference |           |
| Requests can house multiple reports                               |    |                                   |           |

## Columns

|   | PK | Name          | Data type    |
|---|----|---------------|--------------|
| 1                                       |    | ReportID      | varchar(255) |
| Report ID                               |    |               |              |
| 2                                       |    | RequestID     | varchar(255) |
| Request ID                              |    |               |              |
| 3                                       |    | AccessGranted | bit          |
| indicator if access granted             |    |               |              |
| 4                                       |    | Processed     | bit          |
| indicator if request has been processed |    |               |              |
| 5                                       |    | ProcessDate   | bit          |
| Processed Date                          |    |               |              |
| 6                                       |    | ProcessUserID | varchar(255) |
| Processed User ID                       |    |               |              |

## TABLE:dbo.Reports (Reports)

|   |         |
|---|---------|
| Schema  | dbo     |
| Name  | Reports |
| Title   | Reports |
| Unique list of available reports for purchase |         |

## Columns

|                           | PK | Name              | Data type    |
|---------------------------|----|-------------------|--------------|
| 1                         |    | ReportID          | varchar(255) |
| Unique Report ID          |    |                   |              |
| 2                         |    | ReportType        | varchar(255) |
| Report Type               |    |                   |              |
| 3                         |    | ReportDate        | date         |
| Date of Report            |    |                   |              |
| 4                         |    | ReportTitle       | varchar(255) |
| Title of Report           |    |                   |              |
| 5                         |    | ReportDescription | varchar(255) |
| Description of the Report |    |                   |              |

## TABLE:dbo.Tags (Tags)

|  |      |
|--|------|
| <b>Schema</b>                                    | dbo  |
| <b>Name</b>                                      | Tags |
| <b>Title</b>                                     | Tags |
| Tags that can be linked to Events, Polls, Photos |      |

## Columns

|                        | PK | Name          | Data type    |
|------------------------|----|---------------|--------------|
| 1                      |    | TagID         | varchar(255) |
| Unique ID              |    |               |              |
| 2                      |    | TagName       | varchar(255) |
| Name of the Tag        |    |               |              |
| 3                      |    | TagCreateDate | date         |
| Create Date of the Tag |    |               |              |

## TABLE:dbo.User\_Accounts (User Accounts)

|   |               |
|---|---------------|
| <b>Schema</b>                             | dbo           |
| <b>Name</b>                               | User_Accounts |
| <b>Title</b>                              | User Accounts |
| Houses user accounts and user information |               |

## Columns

|  | <b>PK</b> | <b>Name</b>     | <b>Data type</b> |
|--|-----------|-----------------|------------------|
| 1                                      |           | UserID          | varchar(255)     |
| Unique User ID (Users login with this) |           |                 |                  |
| 2                                      |           | NameFirst       | varchar(255)     |
| First name of user                     |           |                 |                  |
| 3                                      |           | NameLast        | varchar(255)     |
| Last name of user                      |           |                 |                  |
| 4                                      |           | NameMiddle      | varchar(225)     |
| Middle name of user                    |           |                 |                  |
| 5                                      |           | Gender          | char(1)          |
| Gender of user                         |           |                 |                  |
| 6                                      |           | MailingAddress1 | varchar(255)     |
| Mailing Address Line 1                 |           |                 |                  |
| 7                                      |           | MailingAddress2 | varchar(255)     |
| Mailing Address Line 2                 |           |                 |                  |
| 8                                      |           | City            | varchar(255)     |
| City name                              |           |                 |                  |
| 9                                      |           | State           | varchar(255)     |
| Name of the State                      |           |                 |                  |
| 10                                     |           | ZIP             | varchar(255)     |
| Zip code                               |           |                 |                  |
| 11                                     |           | PhoneNumber     | varchar(10)      |
| Phone Number of User                   |           |                 |                  |
| 12                                     |           | Email           | varchar(255)     |
| Email of User                          |           |                 |                  |
| 13                                     |           | Affliation      | varchar(255)     |
| Affiliation of User                    |           |                 |                  |


## Columns

|                                      | <b>PK</b> | <b>Name</b>  | <b>Data type</b> |
|--------------------------------------|-----------|--------------|------------------|
| 14                                   |           | IsAdmin      | bit              |
| indicator if user is admin           |           |              |                  |
| 15                                   |           | NewletterSub | bit              |
| indicator if newsletter subscription |           |              |                  |
| 16                                   |           | MemberDate   | datetime         |
| Date of Member Creation              |           |              |                  |





The following screen layout is a representation of what the About Us page on the KHBPA website may look like. It could provide information about the Kentucky chapter of the HBPA, as well as information about key staff members that may be contacted by the organization's members.



Username:

Password:

Search:

English -- Spanish

News & Events

About Us

Sign In/Sign Up

Benefits

Donate

Links

Contact Us

## About Kentucky KBPA

The HBPA, established in 1940, is an organization of Owners and Trainers, approximately 40,000 nationally in 23 states and Canada, and over 6,000 in Kentucky. The association is governed by a Board of Directors consisting of Owners and Trainers volunteering their time and elected by the membership every three years. The HBPA is committed to working for the betterment of racing on all levels.

## Meet Us

**President: Rick Hiles**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam leo id, fames ut egetas in, fringilla a metus. Accene lobortis

**Vice President: Frank Jones Jr.**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam leo id, fames ut egetas in, fringilla a metus. Accene lobortis

**Vice President: Dale Romans**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam leo id, fames ut egetas in, fringilla a metus. Accene lobortis

Kentuckyhbpa@gmail.com

Phone: 502-363-1077  
Toll Free: 800-928-4272

3729 S. Fouth St.  
Louisville, KY 40214-1712

This screen layout is a representation of what the sign in and sign up page may look like. This screen page of the KHBPA website allows members to create a new account by entering their relevant information, or logging into their account if it has already been created.



Username: \_\_\_\_\_ Password: \_\_\_\_\_

Search: \_\_\_\_\_

English -- Spanish

News & Events   About Us   Sign In/Sign Up   Benefits   Donate   Links   Contact Us

You are invited to drop into the HBPA office to meet the staff and learn more about current projects and how you can get involved in helping to improve the industry. There are no membership fees. Remember - This is your organization. Become an active participant and one of the "HORSEMEN HELPING HORSEMEN".

### Sign In

Username: \_\_\_\_\_

Password: \_\_\_\_\_

Forgot Username?   Forgot Password?

**Submit**   **Clear**

### Sign Up

Username: \_\_\_\_\_

Password: \_\_\_\_\_

Retype Password: \_\_\_\_\_

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Stable, Corporation, Syndicate or Farm: \_\_\_\_\_

Managing Partner: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP Code: \_\_\_\_\_

KRC License #: \_\_\_\_\_

Title (Owner, Trainer, Both): \_\_\_\_\_

Signature: \_\_\_\_\_

Today's Date: \_\_\_\_\_

**Submit**   **Clear**

Kentuckyhbpa@gmail.com   Phone: 502-363-1077   3729 S. Fourth St.  
Toll Free: 800-928-4272   Louisville, KY 40214-1712

This screen layout is a representation of the KHBPA member benefits page. This page lists out all the benefits qualifications and amounts that are available to “card-signed” members in the event of a loss of property, health incident, or unforeseen circumstance that affects a horsemen financially.



Username: \_\_\_\_\_ Password: \_\_\_\_\_  
Search: \_\_\_\_\_  
English -- Spanish

News & EventsAbout UsSign In/Sign UpBenefitsDonateLinksContact Us

### Benefits of the HBPA

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus hendrerit iaculis dolor, congue aliquam ex hendrerit in. Proin vel congue justo, et facilisis sapien. Aliquam dignissim dignissim purus, id luctus magna rhoncus eget. Maecenas vehicula arcu ultricies, laoreet mi ut, bibendum nisl. Etiam in blandit ante, sit amet vulputate tellus. Pellentesque euismod mattis ipsum non sodales. Nulla finibus orci quis dolor fringilla, sed finibus lorem accumsan.

|        |          |
|--------|----------|
| Form 1 | Download |
| Form 2 | Download |
| Form 3 | Download |
| Form 4 | Download |
| Form 5 | Download |
| Form 6 | Download |

Kentuckyhbpa@gmail.com

Phone: 502-363-1077  
Toll Free: 800-928-4272

3729 S. Fourth St.  
Louisville, KY 40214-1712

This screen layout is a representation of the donation portal on the KHBPA website. This added functionality would allow members to donate online by entering their donation amount and clicking a PayPal button in order to be directed to their website to finish processing the transaction.



Username: \_\_\_\_\_ Password: \_\_\_\_\_

Search: \_\_\_\_\_

English -- Spanish

News & Events   About Us   Sign In/Sign Up   Benefits   Donate   Links   Contact Us

Donate

A few reasons as to why donating to the organization is beneficial for everyone.

Make a Donation:

\$25

\$50

\$75

\$100

\$500

\$1,000

Other:

Make this my monthly donation

Dedicate my donation:

Payment Method

Paypal ☐

Your Email

Kentuckyhbp@gmail.com

Phone: 502-363-1077  
Toll Free: 800-928-4272

3729 S. Fourth St.  
Louisville, KY 40214-1712

This screen layout is a representation of the link page, which could link the KHBPA website to other significant websites that the KHPBA would like to direct additional traffic to. A website user would select the links tab on the website and be taken to this webpage, where they would be able to view link names and a brief description of each linked website respectively.



**KHBPA KENTUCKY**

Username: \_\_\_\_\_ Password: \_\_\_\_\_

Search: \_\_\_\_\_

English -- Spanish

News & Events About Us Sign In/Sign Up Benefits Donate Links Contact Us

**Links to Associated Websites**

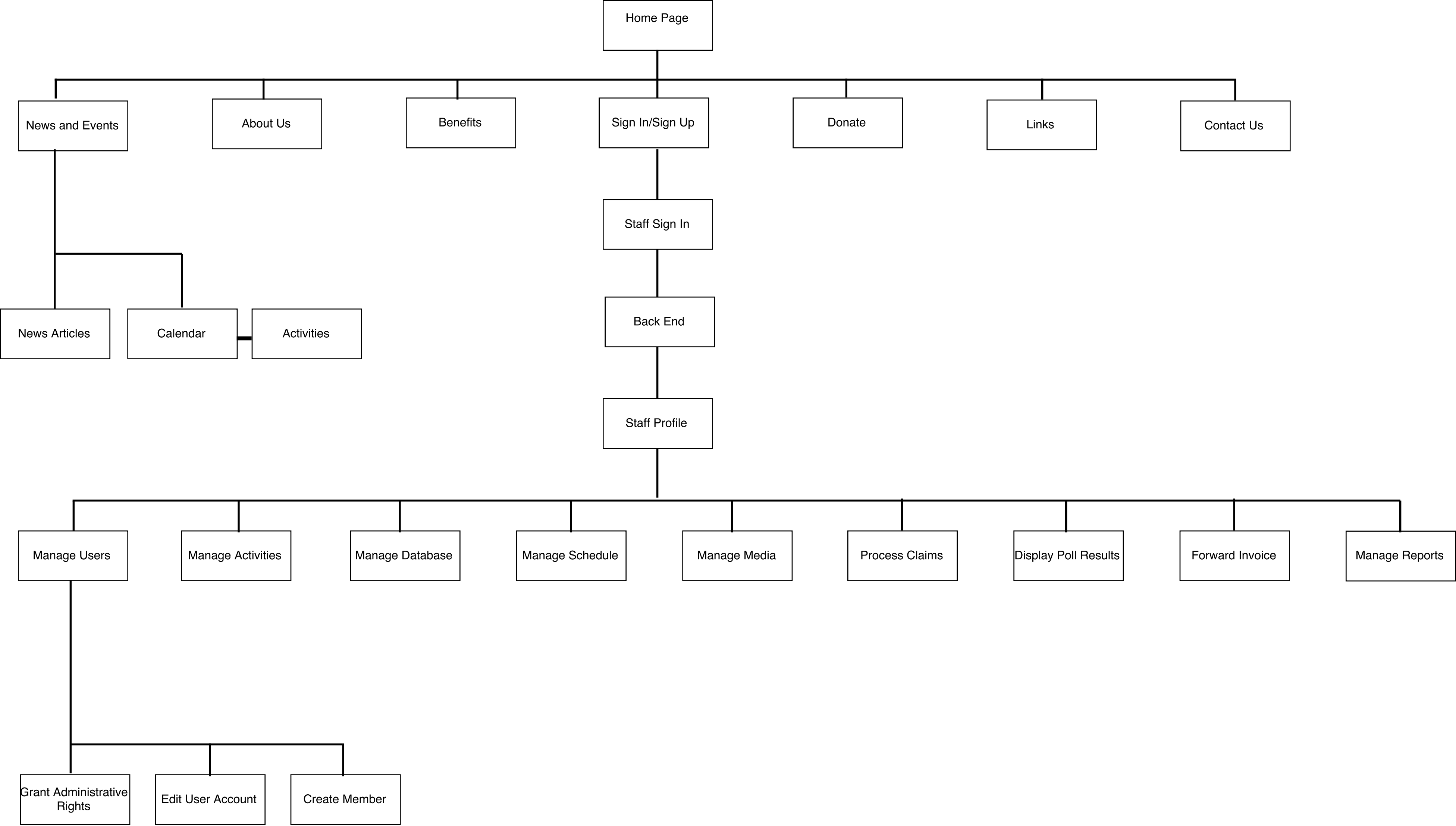
Website link #1

Website link #2

Website link #3

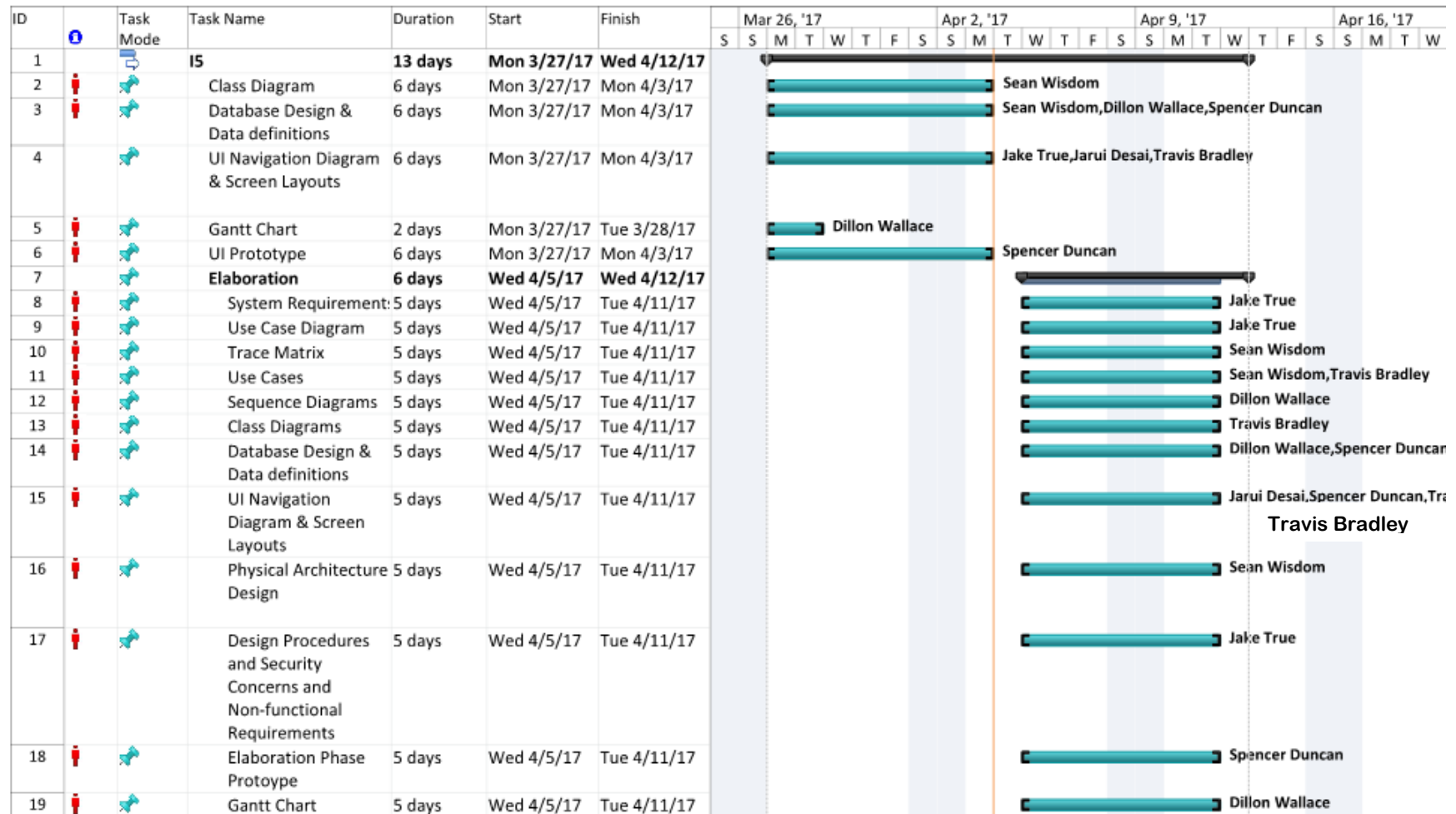
Kentuckyhbpa@gmail.com Phone: 502-363-1077 Toll Free: 800-928-4272 3729 S. Fourth St. Louisville, KY 40214-1712

The User Interface Navigation Diagram is a visual tool that shows how a website flows through the use of boxes and connecting lines to show relationships. Each box represents a link or a webpage that the user can navigate to, and assists in defining the necessary screen layouts that must be completed.

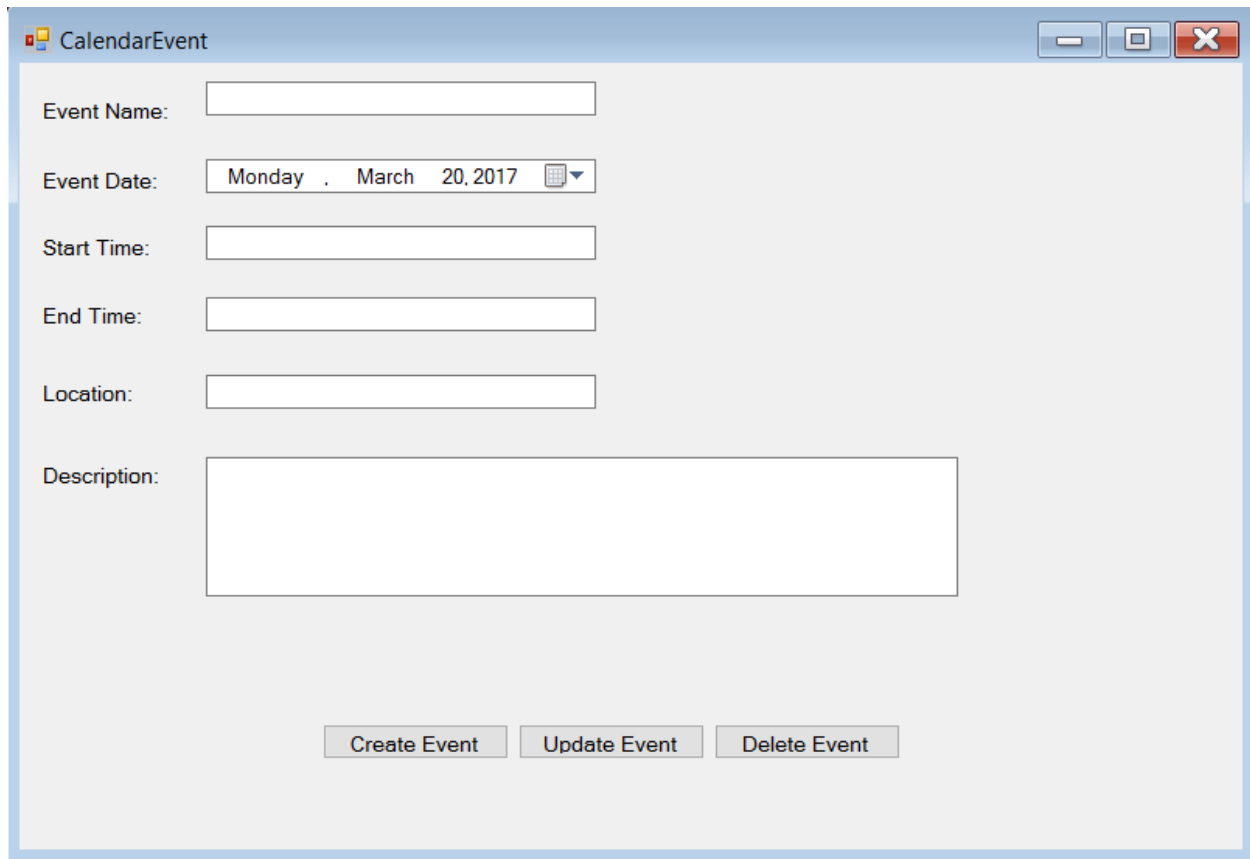




The following are Gantt charts to provide timelines for the project as of now. The whole project has been broken up into pieces called “iterations” or “specs” with each iteration being broken up into “tasks” or “assignments”. The assignments are used to map out the project and ensure that all team members turn in their assigned tasks in a timely manner.



The following prototypes are mockups of how the system may function per our design specifications. In this particular instance the CalendarEvent form would be used to fulfill the Event Management requirement and allow KHBPA staff to create, update, and remove events. When creating events KHBPA staff would be able to enter important information such as event names and descriptions as well dates and times within the same form.



A mockup of a web form titled "CalendarEvent". The form is enclosed in a light blue border with standard window controls (minimize, maximize, close) in the top right corner. The form contains several input fields and three buttons at the bottom.

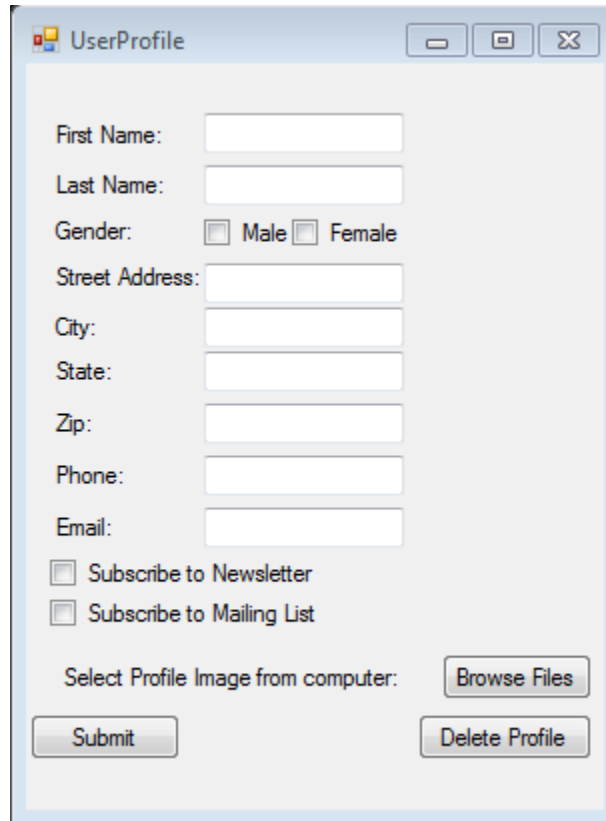
Fields and labels:

- Event Name:
- Event Date:  (includes a calendar icon)
- Start Time:
- End Time:
- Location:
- Description:

Buttons at the bottom:

- Create Event
- Update Event
- Delete Event

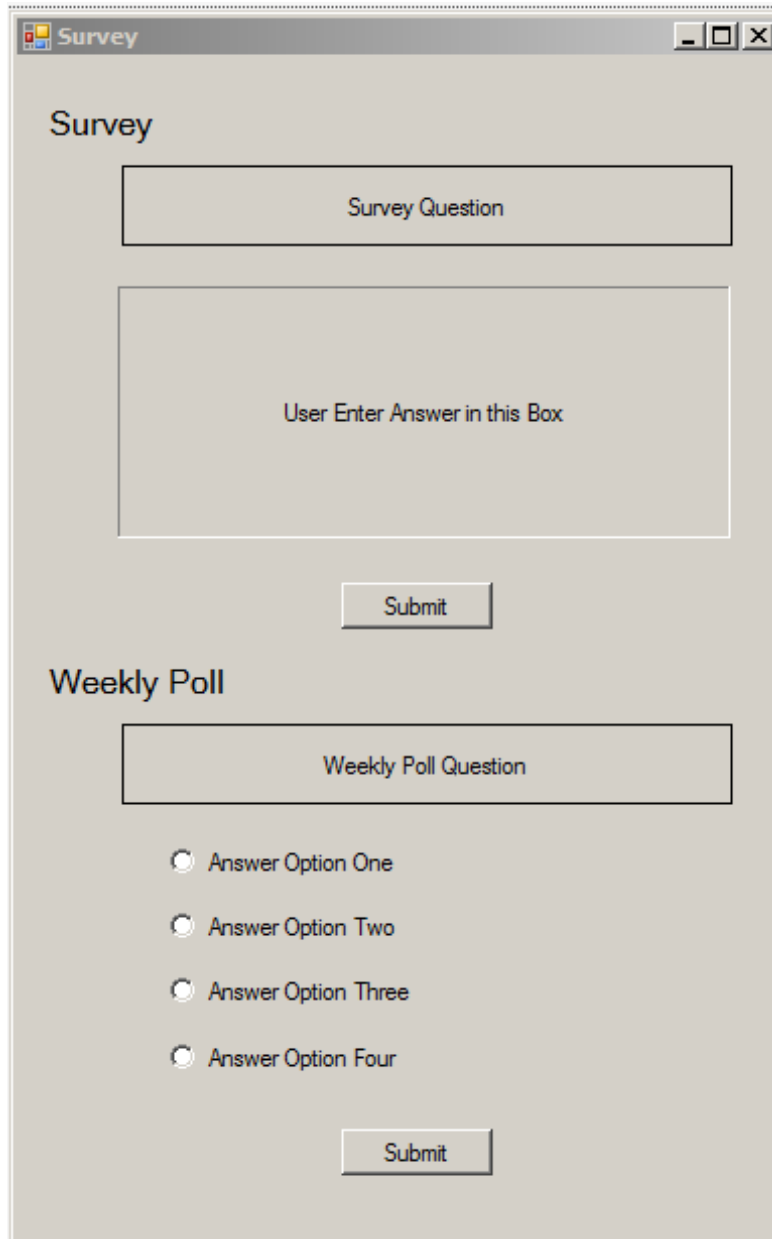
This prototype reflects how the user profile page may be laid out. The information horsemen and staff enter would be saved to their profile which would be displayed on the KHBPA website to better connect website visitors, horsemen, and KHBPA staff to a horseman with their profile displayed on the website.



A prototype of a user profile form titled "UserProfile". The form contains the following fields and controls:

- First Name:
- Last Name:
- Gender: ☐ Male ☐ Female
- Street Address:
- City:
- State:
- Zip:
- Phone:
- Email:
- ☐ Subscribe to Newsletter
- ☐ Subscribe to Mailing List
- Select Profile Image from computer:
-

This prototype reflects how the survey page may be laid out. This page would enable KHBPA staff to submit a survey that website visitors may participate in, which the KHBPA could collect data on to better cater their operations to their members. There are two planned methods of gathering opinions, the survey where open response answers can be submitted as well as weekly polls where a multiple choice answer is selected and results provided to the KHBPA.



The image shows a web form prototype with two sections: "Survey" and "Weekly Poll".

**Survey Section:**

- Title: Survey
- Input field: Survey Question
- Input field: User Enter Answer in this Box
- Submit button

**Weekly Poll Section:**

- Title: Weekly Poll
- Input field: Weekly Poll Question
- Radio button options:
  - ☐ Answer Option One
  - ☐ Answer Option Two
  - ☐ Answer Option Three
  - ☐ Answer Option Four
- Submit button

This prototype reflects the Poll Results page as viewed by KHBPA staff. This is what the page could look like after the KHBPA staff has verified and approved the results from the poll. This can show the users where their organization's members stand on popular issues. This may also help spark the imagination of others in order for them to come up with new ideas for the company in the future due to other people's opinion on a particular subject matter.

The image shows a window titled "Survey Results" with a standard Windows-style title bar (minimize, maximize, close buttons). The window has a light gray background. It contains two sections of poll results. Each section has a title, a box for the poll question, and a list of four answer choices with radio buttons and their corresponding popularity percentages.

**Poll Results**

**Last Week's Poll Results**

Poll Question

☐ Answer Choice 1    percent popularity %

☐ Answer Choice 2    percent popularity %

☐ Answer Choice 3    percent popularity %

☐ Answer Choice 4    percent popularity %

**Poll Results from 3/13/17**

Poll Question

☐ Answer Choice 1    percent popularity %

☐ Answer Choice 2    percent popularity %

☐ Answer Choice 3    percent popularity %

☐ Answer Choice 4    percent popularity %

This prototype reflects the layout of the comment section for the photo gallery. This would allow users to comment on public photographs that have been uploaded to the website and approved by KHBPA staff. Having a comments section may draw additional website traffic if photos published are an interest to the horse racing community. Website visitors would be able to view the comments on photos from visitors or other members.

The image shows a wireframe prototype of a web application window titled "Photos". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is light gray and contains the following elements from top to bottom:

- A large rectangular box labeled "Photograph", representing a placeholder for a photo.
- A smaller rectangular box labeled "User can enter Comment Here", representing a text input field for user comments.
- Another large rectangular box labeled "Photograph", representing a second photo placeholder.
- Another smaller rectangular box labeled "User can enter Comment Here", representing a second text input field.
- A small rectangular button labeled "Submit" at the bottom center.

This prototype is the downloading forms page which lists the different types of forms that are available for download through the website under the Forms Tab. Members may then download and fill out forms then turn them in in person at the KHBPA office or mail them in. Having this feature cuts the KHBPA's printing and mailing costs by placing the responsibility on the member.

The prototype is a web browser window titled "Forms" with a tab labeled "HBPA Forms Page". The page contains a list of four forms, each represented by a horizontal container. Each container has three main sections: a form number, a description field, and a date field. To the right of each description field is a "Download Now" button.

| Form #  | Date Form was Added | Form Description | Download Now |
|---------|---------------------|------------------|--------------|
| Form #1 |                     |                  |              |
| Form #2 |                     |                  |              |
| Form #3 |                     |                  |              |
| Form #4 |                     |                  |              |

This prototype is the Online Form and Form Submission sections that would be available on the website under the Forms Tab. This page provides a list of forms that can filled out and submitted online without downloading and submitting them in person. In addition, a few links to select files on a user's computer are present where the file can be selected and uploaded online for submission.

The prototype is a web application window titled "Forms" with a standard Windows-style title bar. The main heading is "Online Form and Form Submission".

Below the heading, there is a list of three forms, each with a description field and a "Complete Now" button:

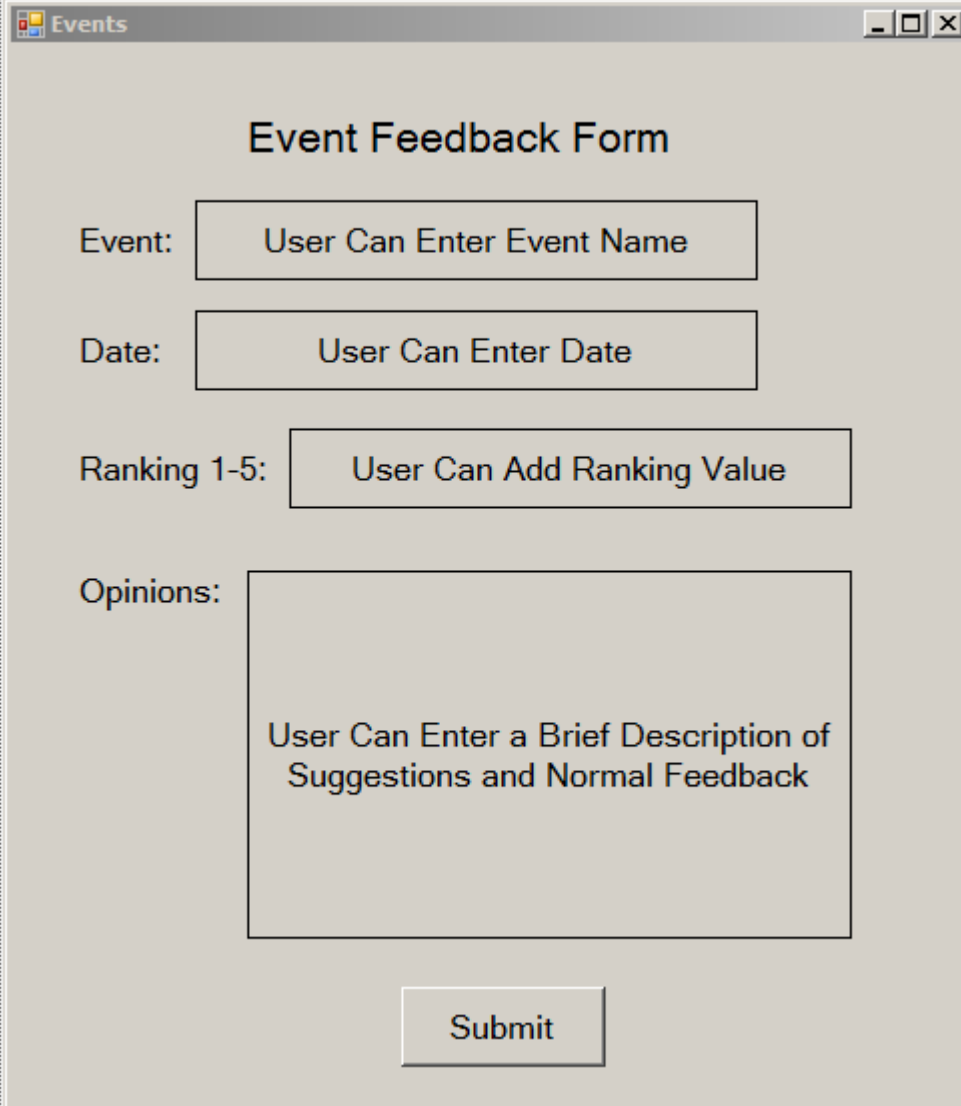
- Online Form #1**: Date Form was Added. Form Description. Complete Now.
- Online Form #2**: Date Form was Added. Form Description. Complete Now.
- Online Form #3**: Date Form was Added. Form Description. Complete Now.

Below the list, there is a section titled "Upload File Here" with four buttons:

- Upload Form
- Revised Form Submission
- Delete Form
- Submit




This prototype is the Event Feedback Form, located within the Events tab in order to provide the community and members of the organization an opportunity to state their thoughts about events that the KHBPA hosts or is a part of. This can help improve the event planning process and the KHBPA's standing with the community by repeating presence in high attendance locations.



The image shows a prototype of an "Event Feedback Form" within a window titled "Events". The form is designed with a light gray background and a darker gray border. It contains the following elements:

- Title:** "Event Feedback Form" centered at the top.
- Event:** A label followed by a text input field containing the placeholder text "User Can Enter Event Name".
- Date:** A label followed by a text input field containing the placeholder text "User Can Enter Date".
- Ranking 1-5:** A label followed by a text input field containing the placeholder text "User Can Add Ranking Value".
- Opinions:** A label followed by a large text area containing the placeholder text "User Can Enter a Brief Description of Suggestions and Normal Feedback".
- Submit:** A button located at the bottom center of the form.

This prototype is for New Member page which would allow the users to apply to become a new member of the KHBPA directly from the website. This could cut time spent by both parties because input information could be automatically imported into a database rather than adding that information into the database later.

 New Member Form—□✕

First Name:

Last Name:

Stable, Corporation, Syndicate or Farm:

Managing Partner:

Address:

City

State

Zip

KRC License #:

Title

☐ Owner ☐ Trainer ☐ Owner/Trainer

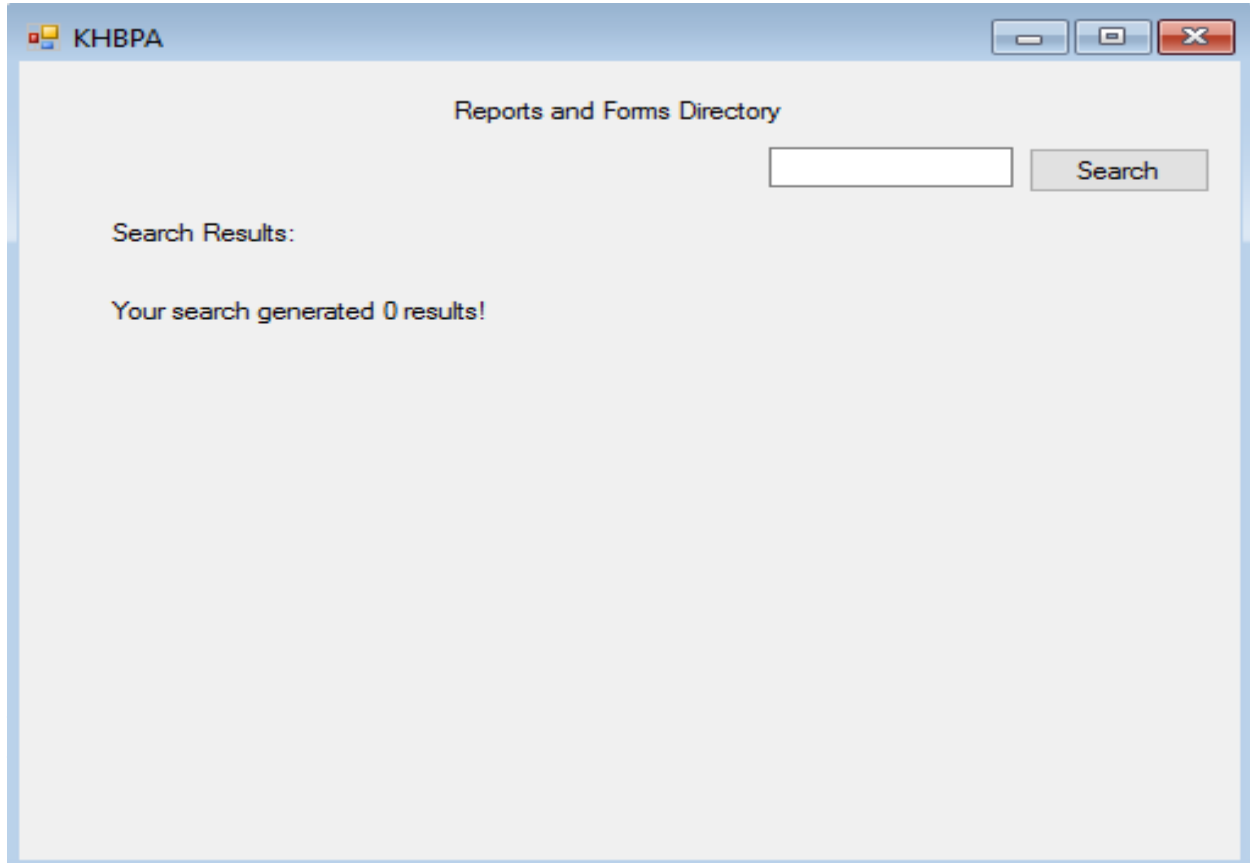
Signature

Monday , February 13, 2017

▼

Submit

The following prototype represents the searchable forms and reports directory on the website where users will be able to find reports they are looking for more quickly. This allows users to enter keywords, report names, or other tags that may assist horsemen in finding their desired forms even if they may not know exactly what they need.



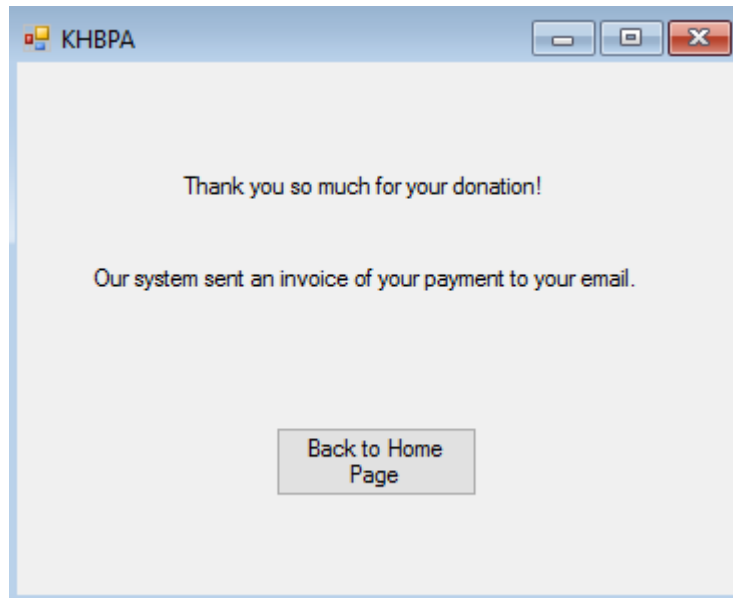
KHBPA

Reports and Forms Directory

Search Results:

Your search generated 0 results!

The following prototype represents what a successful donation within the KHBPA payment portal may look like. A thank you message after a successfully processed payment would be displayed, with an invoice sent to the donator's email.



The following is a prototype of what the Database portal may look like within the website. An administrator would interact with the portal when needing to upload files to the database or recover files from the database which allows for continuity after a disaster, remote access of files from locations outside the office, and easier file sharing among administrative users.

KHBPA-Database Portal

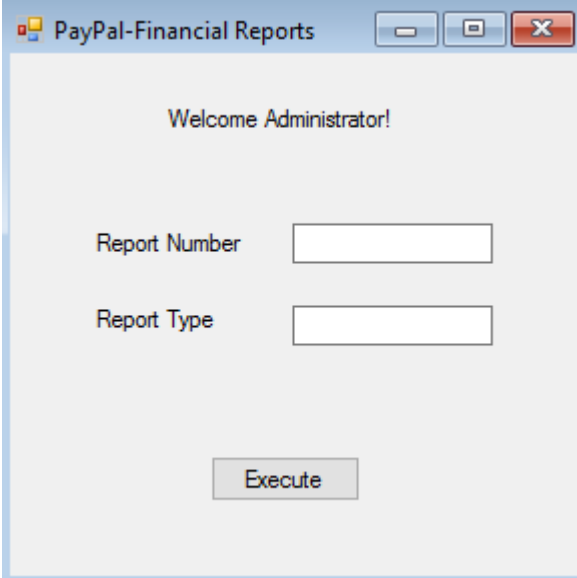
Welcome Administrator!

Select file(s) to upload:  Browse

Select files to Import:  Browse

Execute

The following prototype is a representation of what part of the Reports section of the website may look like. The administrator would interact with this form when needing to pull a revenue report from the payment system records by entering a report number and report type.



A prototype of a web application window titled "PayPal-Financial Reports". The window has a light gray background and a blue border. At the top, there is a title bar with the text "PayPal-Financial Reports" and three standard window control buttons (minimize, maximize, and close). Below the title bar, the text "Welcome Administrator!" is centered. In the center of the window, there are two input fields. The first input field is labeled "Report Number" and the second input field is labeled "Report Type". Below these input fields, there is a button labeled "Execute".

PayPal-Financial Reports

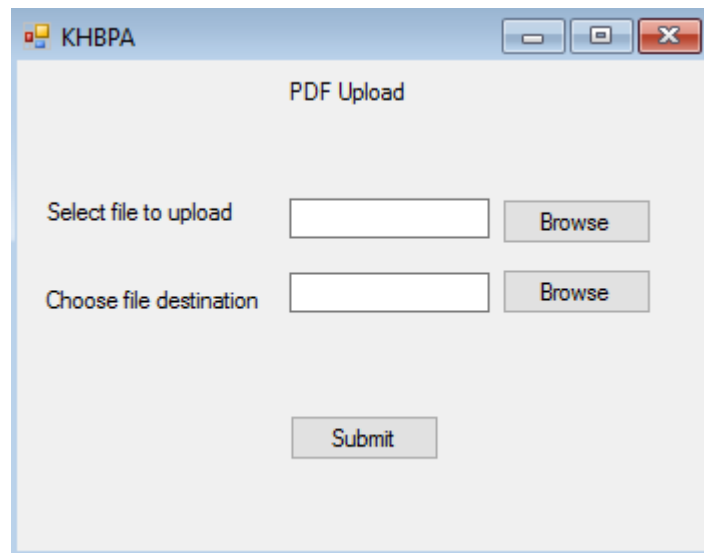
Welcome Administrator!

Report Number

Report Type

Execute

The following prototype is a representation of what a KHBPA staff member with administrator privileges would interact with when uploading a pdf document to the website. After logging in with an administrator account, the user would navigate to the PDF upload page and select a file to upload and its destination within the database.



The image shows a software prototype for a 'PDF Upload' interface. The window has a title bar with the text 'KHBPA' and standard window controls (minimize, maximize, close). The main content area is titled 'PDF Upload' and contains the following elements:

- A label 'Select file to upload' followed by a text input field and a 'Browse' button.
- A label 'Choose file destination' followed by a text input field and a 'Browse' button.
- A 'Submit' button centered at the bottom of the form.

This prototype is the Donations page. This page could open the possibility of receiving donations online and make it more convenient for website visitors to provide potential funds for the organization. The options on this page could be designed with simplicity in mind, allowing users to select one-time or recurring donations of different dollar amounts with the click of a button.

**Donate**

Donate

A few reasons as to why donating to the organization is beneficial for everyone.

Make a Donation:

\$25 \$50 \$75 \$100 \$500 \$1,000

Other:

☐ Make this my monthly donation

☐ Dedicate my donation

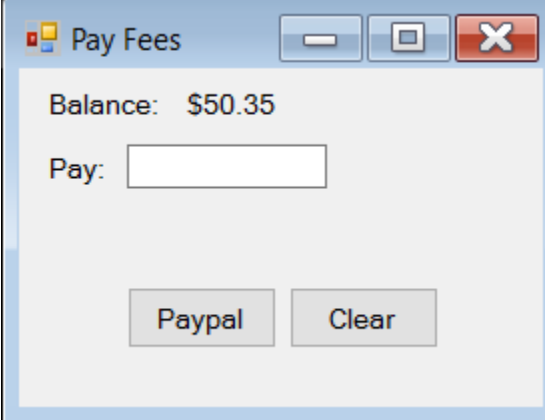
Payment Method

Paypal

Your Email:



This prototype is the pay fees page. This page could allow users to view there balance of what reports they have ordered and then see the total balance. They would then be able to enter the amount they need to pay and then click the PayPal button to be taken to PayPal's website to finish processing their payment information.



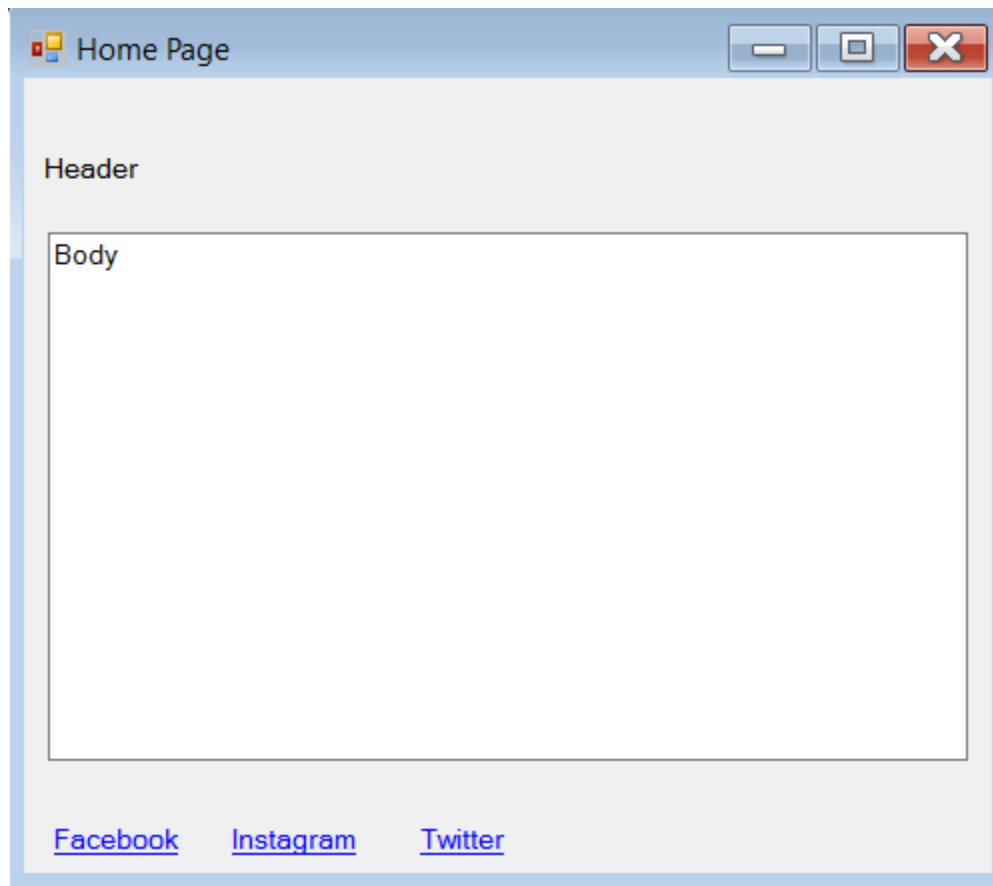
Pay Fees

Balance: \$50.35

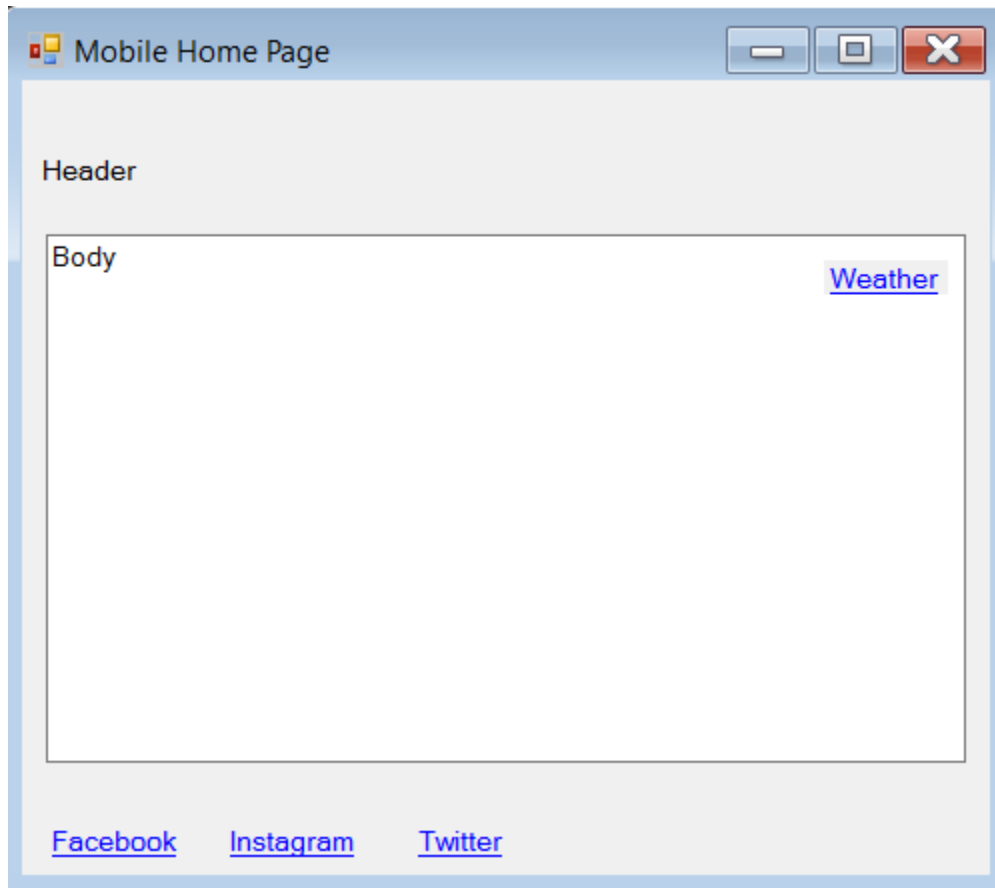
Pay:

Paypal Clear

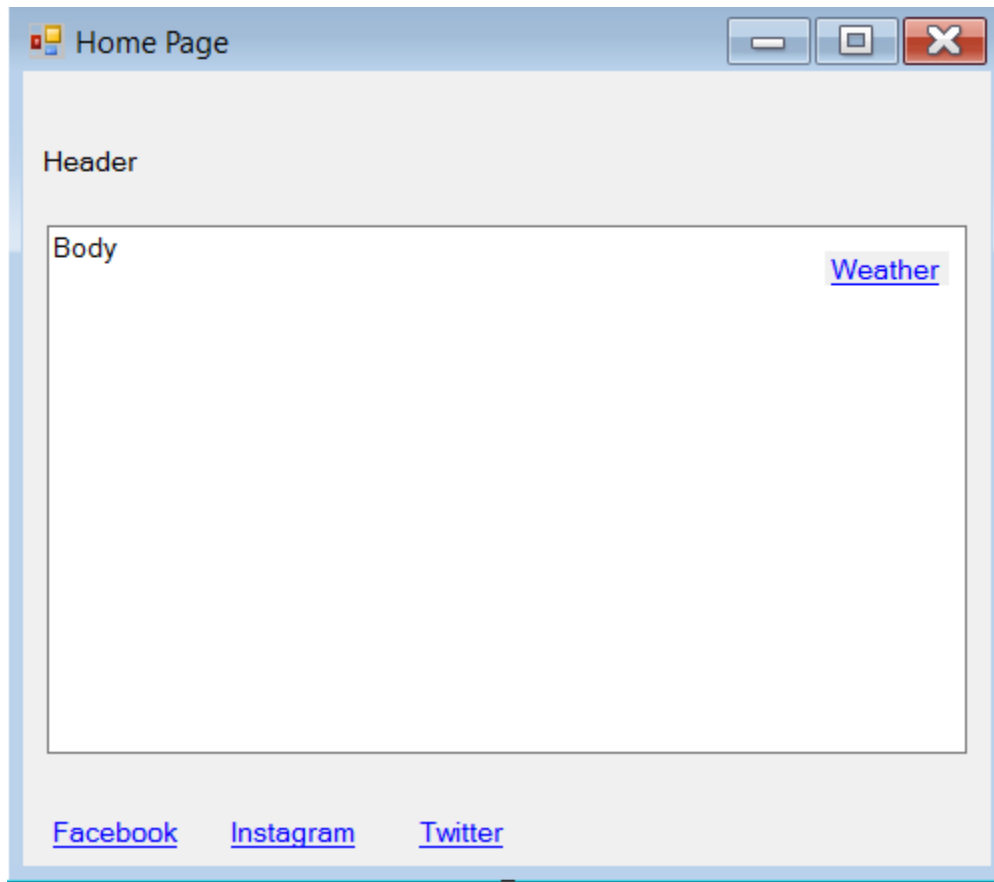
This prototype demonstrates how links to the KHBPA's social media accounts would be displayed at the bottom of each of their webpages. This allows the KHBPA website to direct users to their respective social media accounts and draw more website traffic.



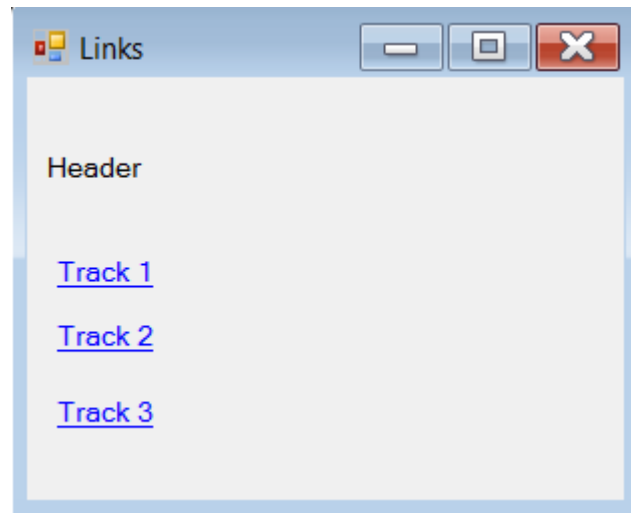
This prototype demonstrates what the site could look like when accessed from a mobile device. The site would most likely be coded with bootstrap so the page would be responsive, scale to fit the mobile device's screen, and be easily to navigate.



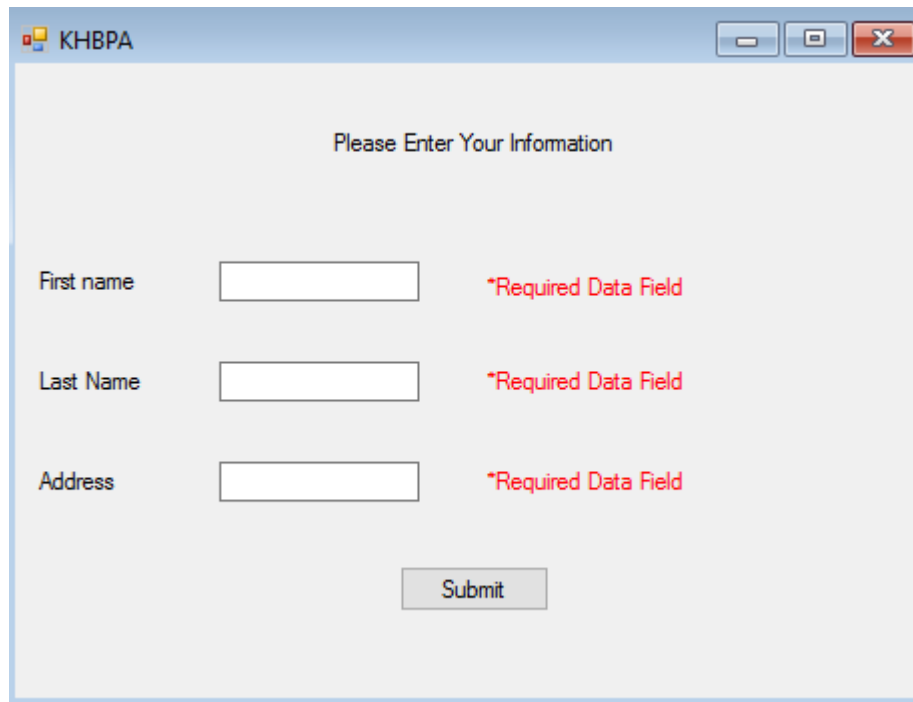
This prototype demonstrates how the KHBPA's home page could contain a link to the local weather embedded within the body of the page. A website user would access the site and be directed to Louisville's weather conditions, as this is where the KHBPA office and Churchill Downs are located.



This prototype demonstrates how the KHBPA's links page could link to popular tracks and display weather conditions, track conditions, and other important information. A website user could access this page from a mobile device and view its conditions in order to better prepare themselves and their horses for race day.



The following prototype demonstrates what would happen if the user inputs invalid data into any fields on the KHBPA website that requires specific data types and conditions. This keeps the data within the database that could be automatically imported clean, valid, and understandable by KHBPA staff.



KHBPA

Please Enter Your Information

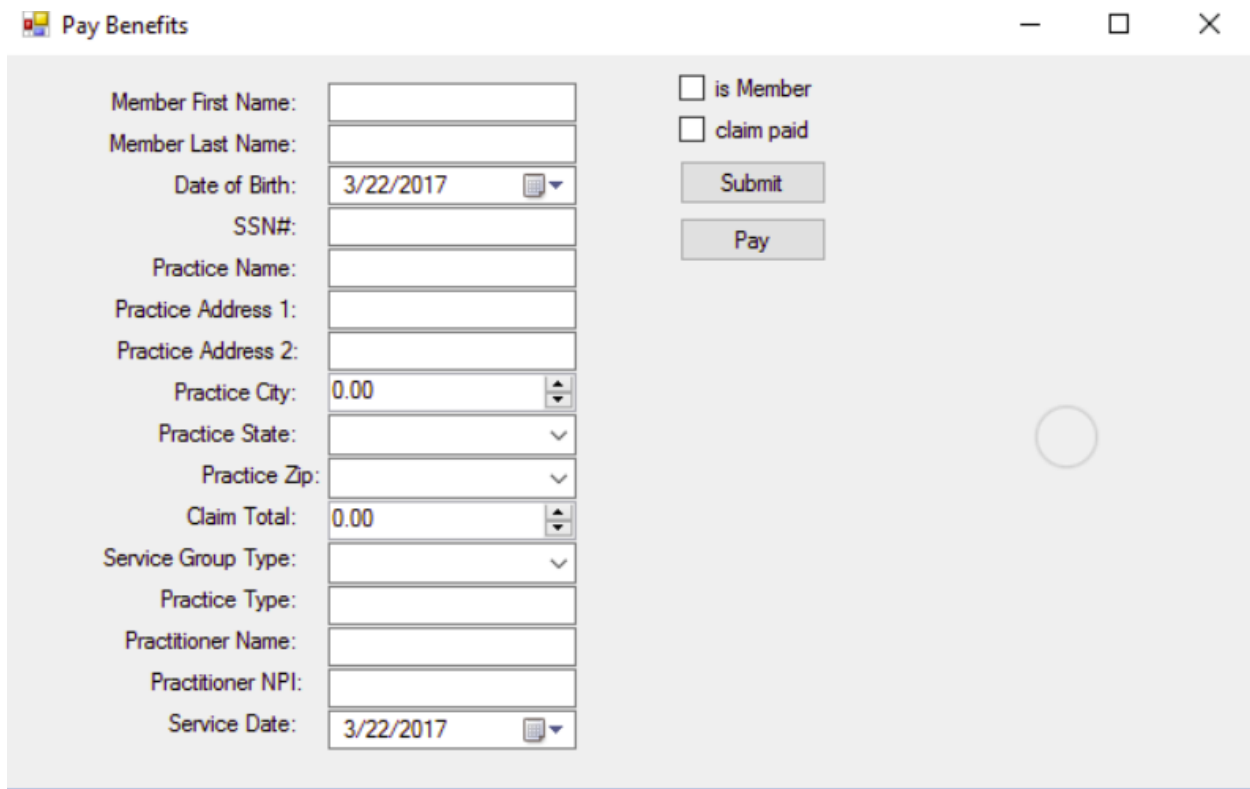
First name  \*Required Data Field

Last Name  \*Required Data Field

Address  \*Required Data Field

Submit

The following prototype would allow for a claim to be processed and paid out to the beneficiary or the individual that submitted the form. KHBPA streamlines their forms business process by conducting the collection of information and payment online, reducing time and money spent processing physical forms.



A screenshot of a web form titled "Pay Benefits". The form is divided into two main sections. The left section contains a series of input fields for member and practice information. The right section contains checkboxes for "is Member" and "claim paid", and two buttons labeled "Submit" and "Pay".

|                     |  |
|---------------------|--|
| Member First Name:  | <input type="text"/>   |
| Member Last Name:   | <input type="text"/>   |
| Date of Birth:      | 3/22/2017 <input type="button" value="calendar"/>                          |
| SSN#:               | <input type="text"/>   |
| Practice Name:      | <input type="text"/>   |
| Practice Address 1: | <input type="text"/>   |
| Practice Address 2: | <input type="text"/>   |
| Practice City:      | 0.00 <input type="button" value="up"/> <input type="button" value="down"/> |
| Practice State:     | <input type="text" value="v"/>   |
| Practice Zip:       | <input type="text" value="v"/>   |
| Claim Total:        | 0.00 <input type="button" value="up"/> <input type="button" value="down"/> |
| Service Group Type: | <input type="text" value="v"/>   |
| Practice Type:      | <input type="text"/>   |
| Practitioner Name:  | <input type="text"/>   |
| Practitioner NPI:   | <input type="text"/>   |
| Service Date:       | 3/22/2017 <input type="button" value="calendar"/>                          |

☐ is Member  
☐ claim paid

The following prototype would allow members to submit photos to be reviewed by KHBPA staff that, when approved, would be displayed on the site. By enabling KHBPA members with user accounts to submit photos the level of community involvement is increased and members can share their experiences with others through these photos.

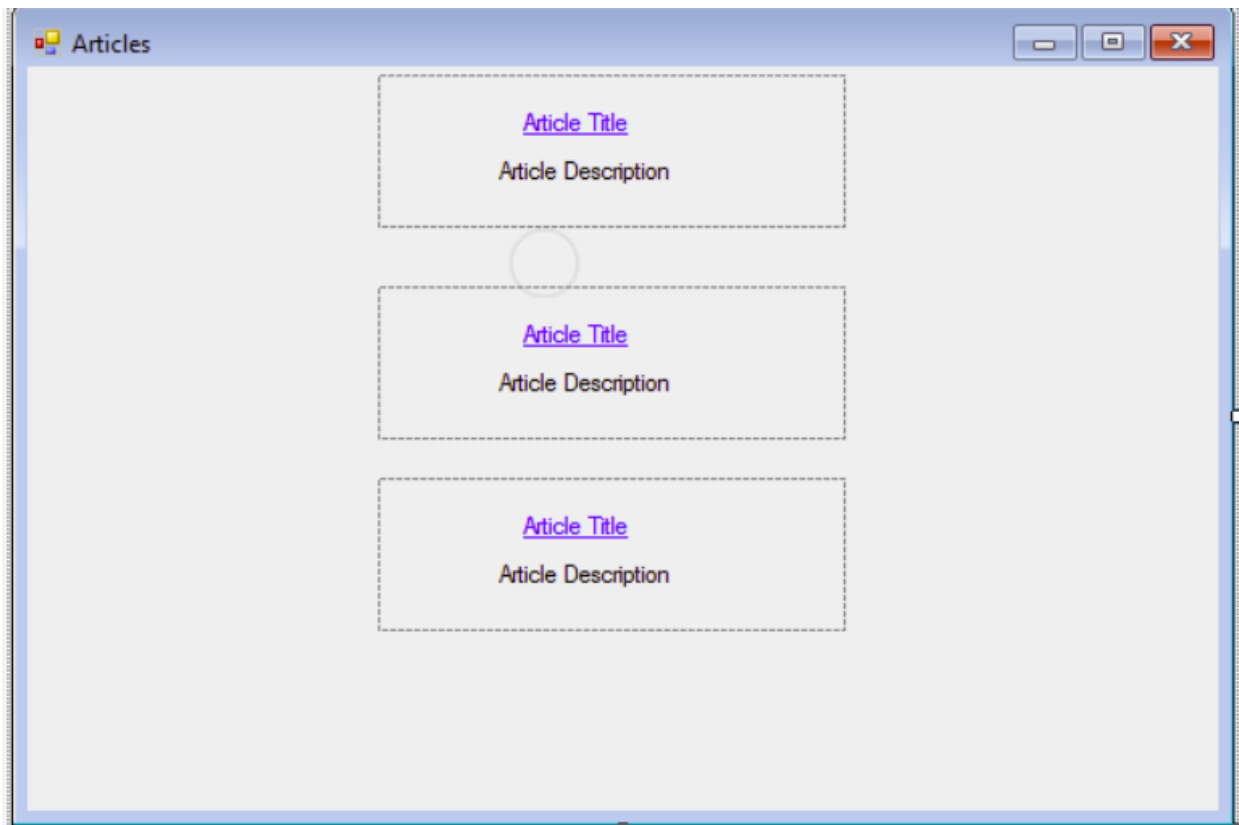




The following prototype would allow for KHBPA administration to create articles that could be uploaded to the site for members to read that may contain information on important issues and happenings in the horse racing community. This functionality could increase the KHBPA's reputation as a reliable source of information by displaying these articles on the website, when coupled with weather information and track conditions the website becomes a one-stop information source for website visitors.

The image shows a software prototype window titled "Articles". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. Inside the window, there are four labeled input fields stacked vertically: "Article Title:", "Article Description:", "Article Tags:", and "Content:". Each label is followed by a rectangular text input box. Below these fields is a large, empty rectangular area, likely intended for a rich text editor or a long-form text input. At the bottom center of the window is a button labeled "Publish".

The following prototype displays how users could view the list of articles that were submitted by KHBPA staff on the website. This layout makes the submitted articles easy to view by website visitors, without having to navigate through the content of the articles.



The following prototype depicts how a member could register for benefits through the Registration section of the website. A member would navigate to this page and input their information to become what is currently considered a “card-signed” member and would be eligible for death, health, and other benefits.

Register\_Benefits

Member ID:

Policy Number:

Member First

Member Last

Date of Birth: 3/22/2017

SSN#:

Policy Holder ID:

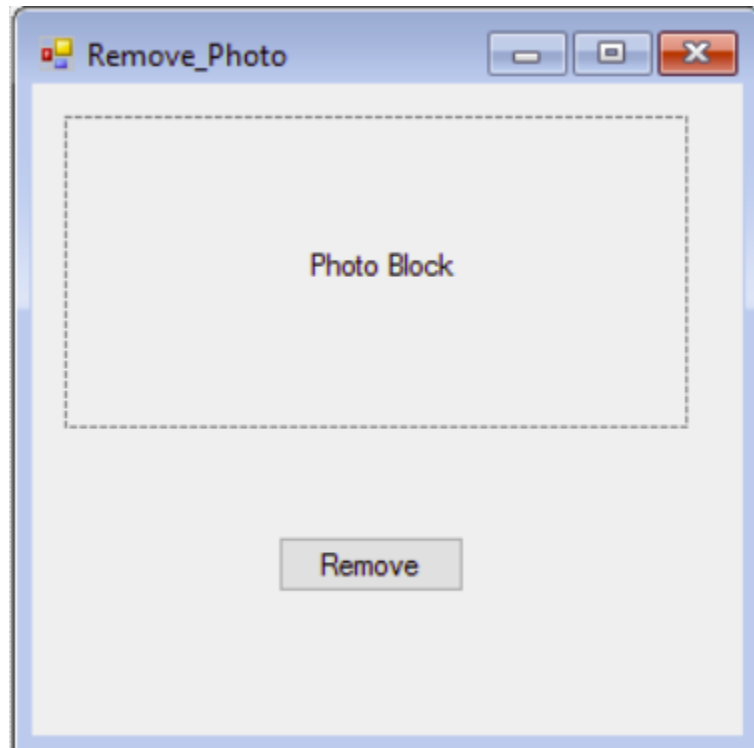
Member Type:

Registration 3/22/2017

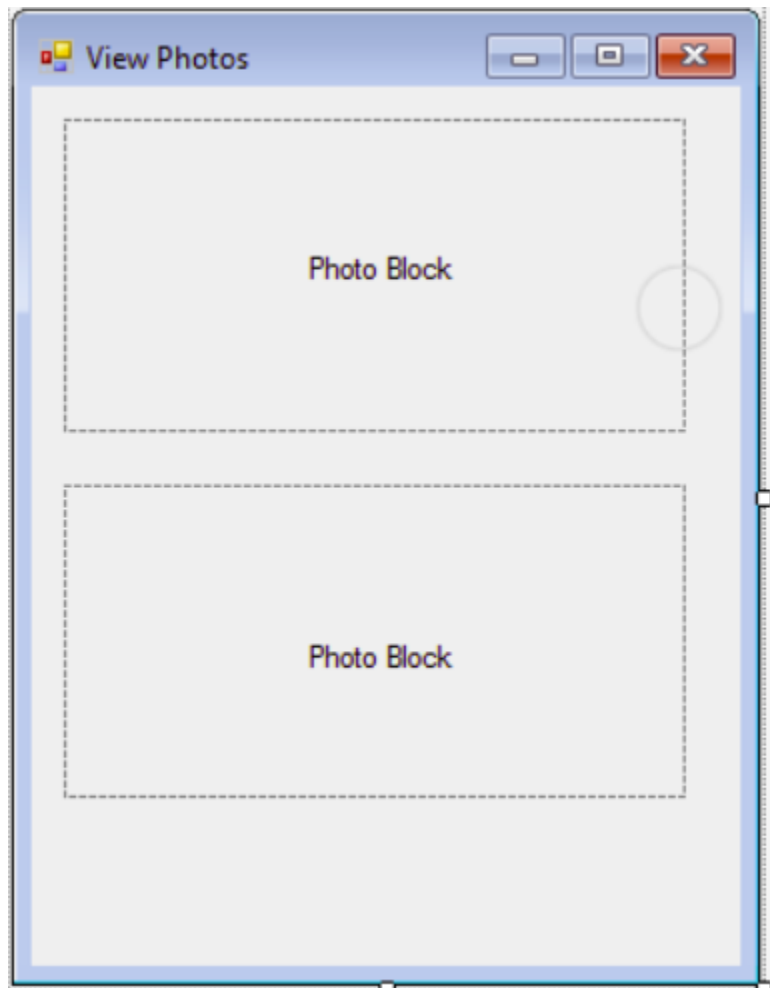
Term Date: 3/22/2017

Register

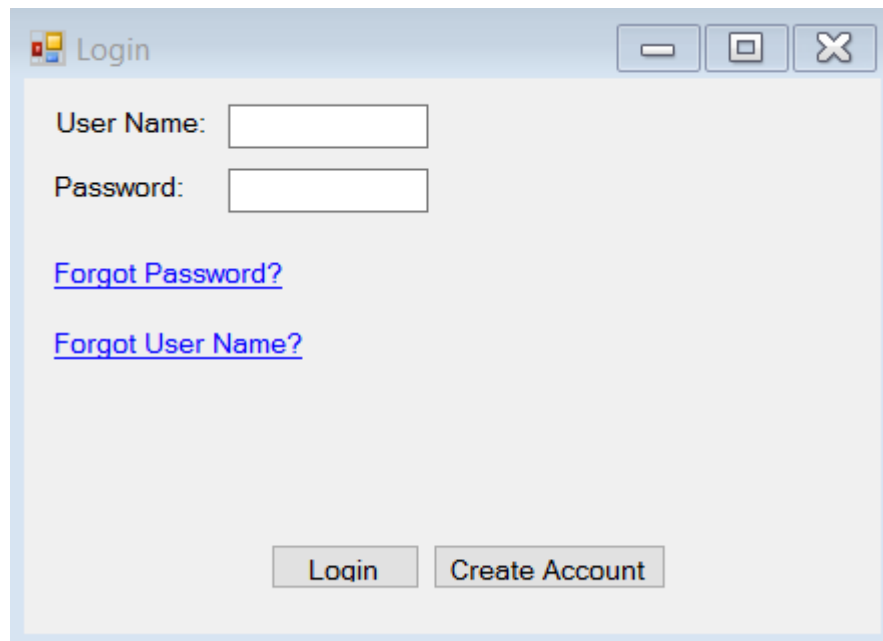
The following prototype demonstrates how a KHBPA administrator would have the ability to remove photos from the site. The administrator would first select a photo from the gallery and be taken to a page where they can edit captions, tags, or remove a photo. After clicking the remove link they are prompted to remove their selected photo from the website with a “Remove” button to verify they want the photo removed.



The following prototype depicts how a user would be able to view the pictures on the KHBPA website within the Photos tab. Upon clicking the photos tab the user is taken to the photo gallery section of the website, where approved photos that have been submitted would be displayed in this fashion.



The following prototype displays how a user or administrator will be able to login into the site and displays links that can be used to recover an account or create a new account. After logging in the user or administrator is taken to their respective home pages, with different access privileges available to them such as adding website content or managing their personal profiles.



A prototype of a login window titled "Login". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. Inside the window, there are two input fields: "User Name:" and "Password:". Below the password field, there are two blue, underlined links: "Forgot Password?" and "Forgot User Name?". At the bottom of the window, there are two buttons: "Login" and "Create Account".

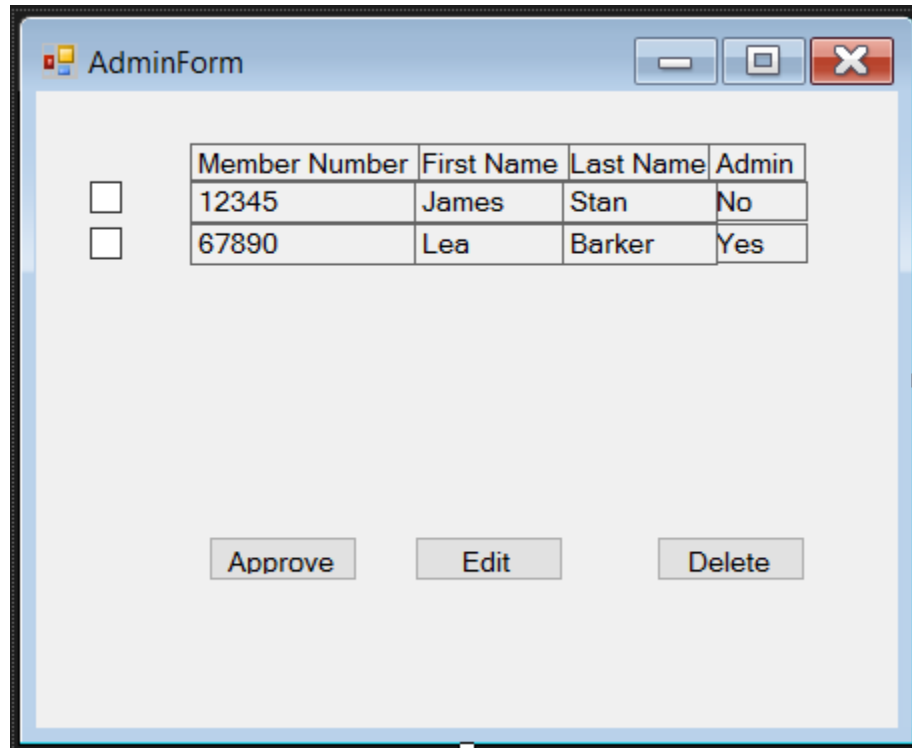
User Name:

Password:

[Forgot Password?](#)

[Forgot User Name?](#)

The following prototype represents what an administrator view of the account management section of the website may look like. From this page an administrator is able to approve, deny, and remove accounts, as well as grant and remove administrator privileges.



The image shows a window titled "AdminForm" with standard Windows-style controls (minimize, maximize, close). Inside the window, there is a table with four columns: "Member Number", "First Name", "Last Name", and "Admin". To the left of the table, there are two checkboxes, one for each row. Below the table, there are three buttons: "Approve", "Edit", and "Delete".

|                          | Member Number | First Name | Last Name | Admin |
|--------------------------|---------------|------------|-----------|-------|
| <input type="checkbox"/> | 12345         | James      | Stan      | No    |
| <input type="checkbox"/> | 67890         | Lea        | Barker    | Yes   |

Approve Edit Delete