**Detail Design**

**On**

**City Corporation Budget Transparency (CCBT)**

**Course No: CSE 3204**

**Course Title: Software Engineering and Information System Project**

**Md, Abdul Lotif**

**Student Id: 160212**

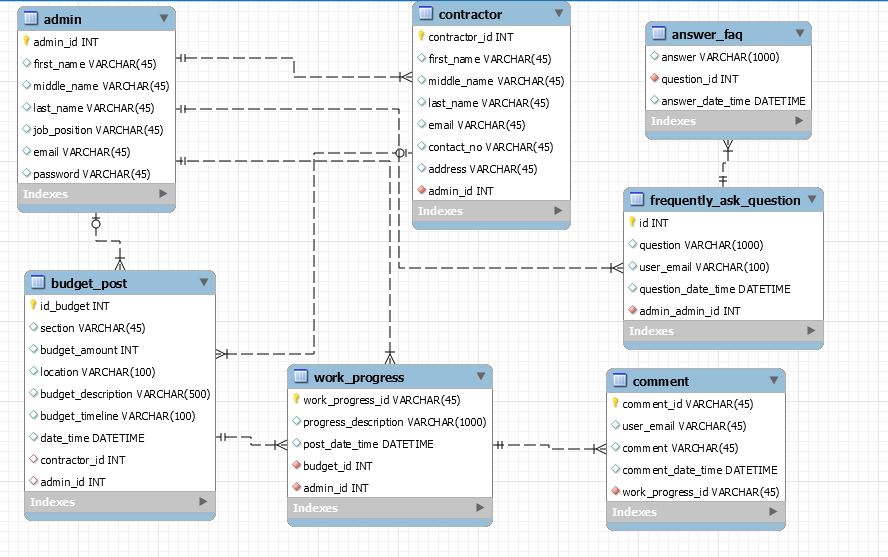
**&**

**Saimum Islam**

**Student Id: 160227**

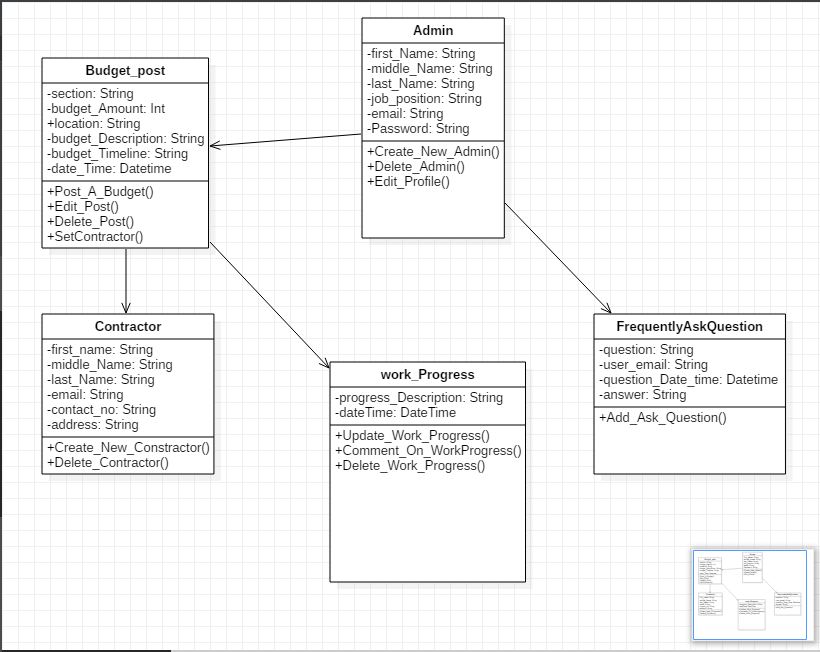
**Project Manager:   
Dr. Kazi Masudul Alam   
Associate Professor,  
Computer Science & Engineering Discipline,  
Khulna University**

**ER Diagram:**

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*Fig: ER Diagram*

**Class Diagram:**

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*Fig: Class Diagram*

**Details Class Digram:**

**Class Admin**

boolean **Create\_A\_Post (** String first\_name, String middle\_name, String last\_name, String job\_position, String email **)**

boolean **Delete\_Admin (** String admin\_Id **)**

admin **View\_Profile (** String admin\_id **)**

boolean **Edit\_Profile (** String id **)**

List<admin> **Get\_Admin\_list ( )**

**Class Budget\_Post**

Boolean **Post\_A\_Budget (** String section, String budget\_Amount, String location, String budget\_Description, String budget\_Timeline, Datetime current\_DateTime **)**

Budget\_Post **View\_Budget\_Post(** String Post\_Id **)**

boolean **Edit\_Post (** String Post\_Id **)**

boolean **Delete\_Post (** String Post\_id **)**

boolean **Set\_Contractor (** String Post\_Id **)**

List<Budget\_Post> **Get\_Budget\_Post\_List\_By\_Section (** String section **)**

**Class Contractor**

boolean **Create\_New\_Contractor (** String first\_Name, String middle\_Name, String Last\_Name, String email, String contact\_No, String address **)**

boolean **Delete\_Contractor (** String contractor\_Id **)**

List<Contractor> **Get\_All\_Contractor\_List ( )**

Contractor **View\_Contractor\_Profile (** String contractor\_Id **)**

**Class Work\_Progress**

boolean **Update\_Work\_Progress(** String budget\_Id, String progress\_Description**,** Datetime current\_DatetTme **)**

List<Work\_Progress> **Get\_All\_Work\_Progress\_List(** String budget\_Post\_Id **)**

boolean **Comment\_On\_Work\_Progress (** String work\_Progress\_Id **)**

List<Comment> **Get\_Comment\_List(** String work\_Progress\_Id **)**

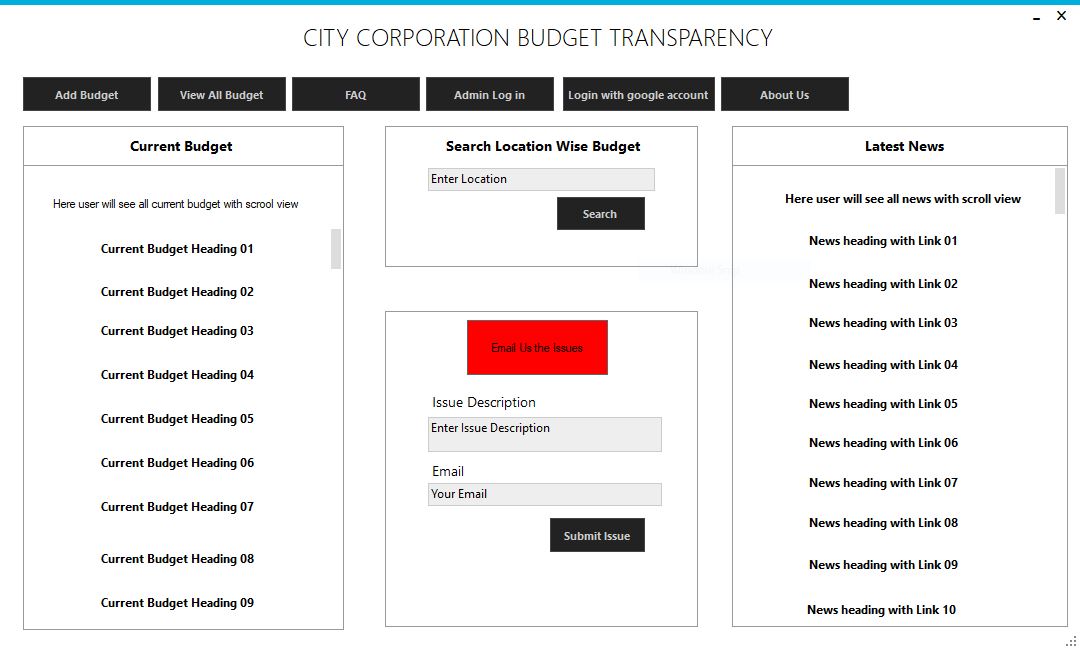
boolean **Delete\_Work\_Progress(** String work\_Progress\_Id **)**

**Class Frequently\_Ask\_Question**

boolean **Add\_FAQ(** String question, String user\_email, String Answer **)**

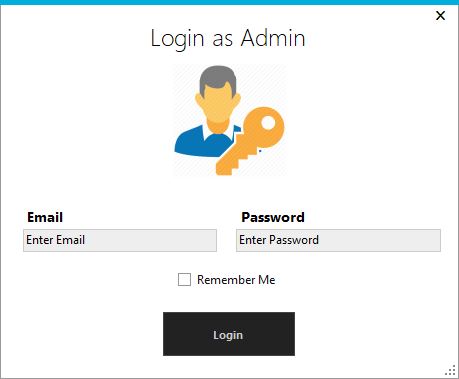
**User Interface:**

**Home Page:**

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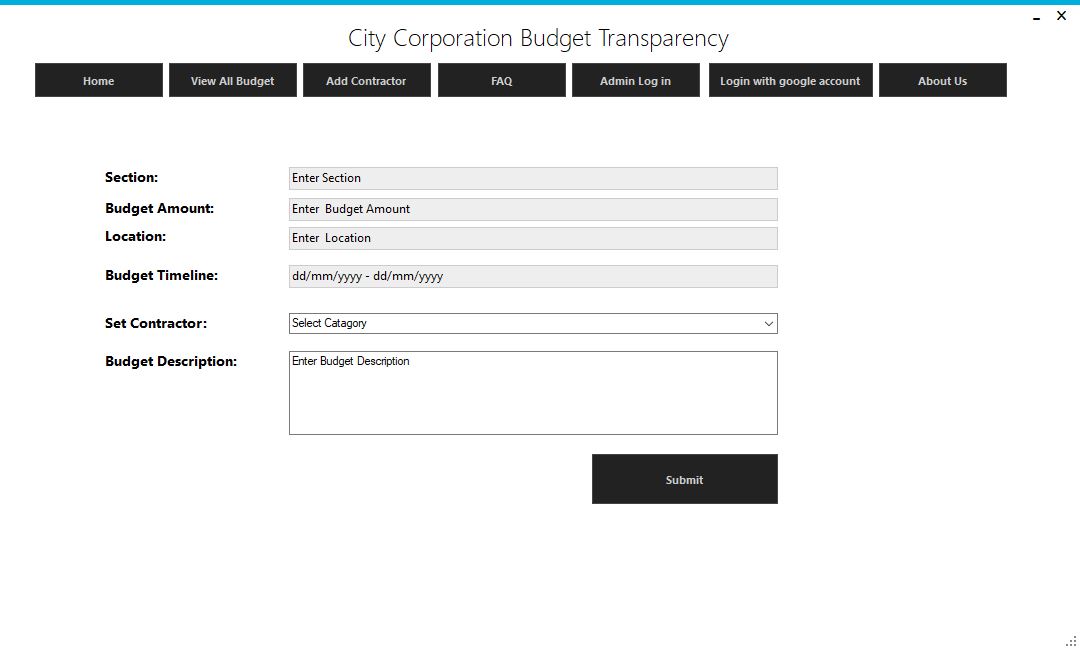
*Fig: Home Page*

**Admin Login Page:**

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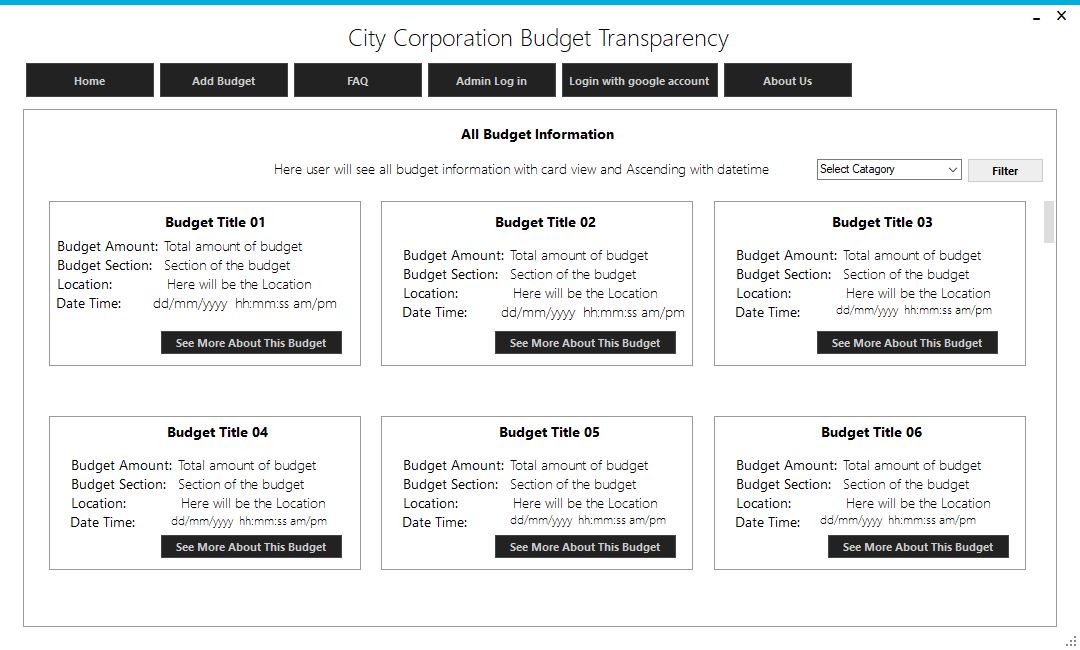
*Fig: Admin Login Page*

**Add New Budget:**

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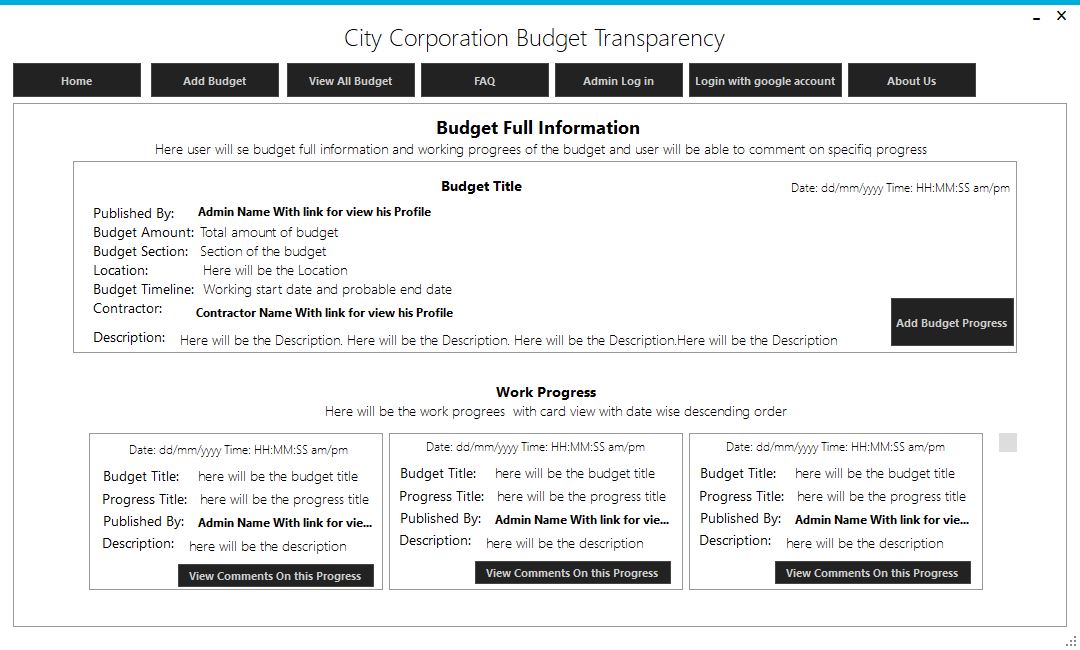
*Fig: Add New Budget*

**View All Budget:**

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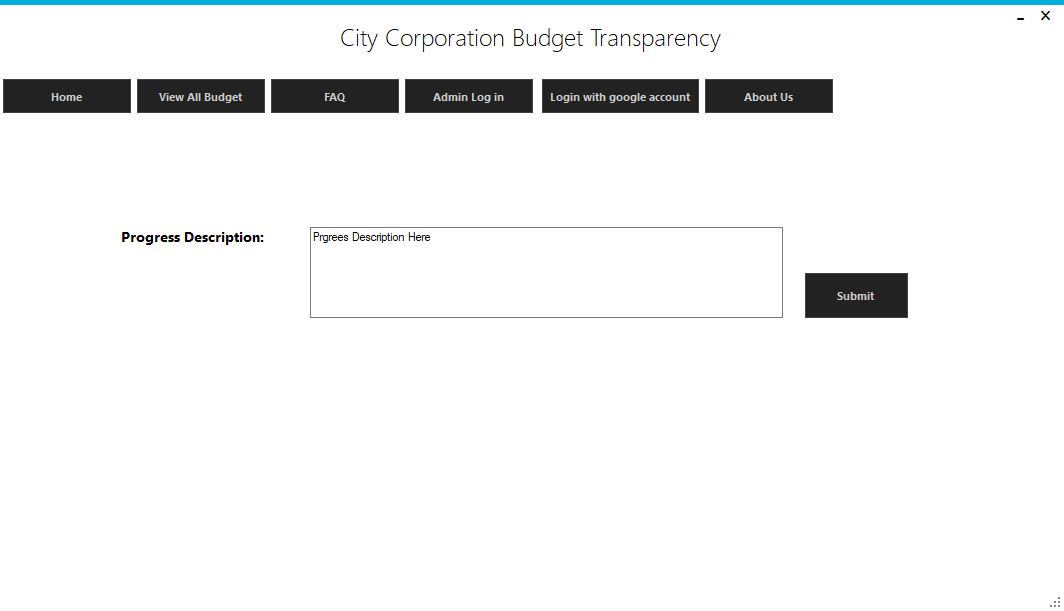
*Fig: View All Budget*

**Full Information of A Budget:**

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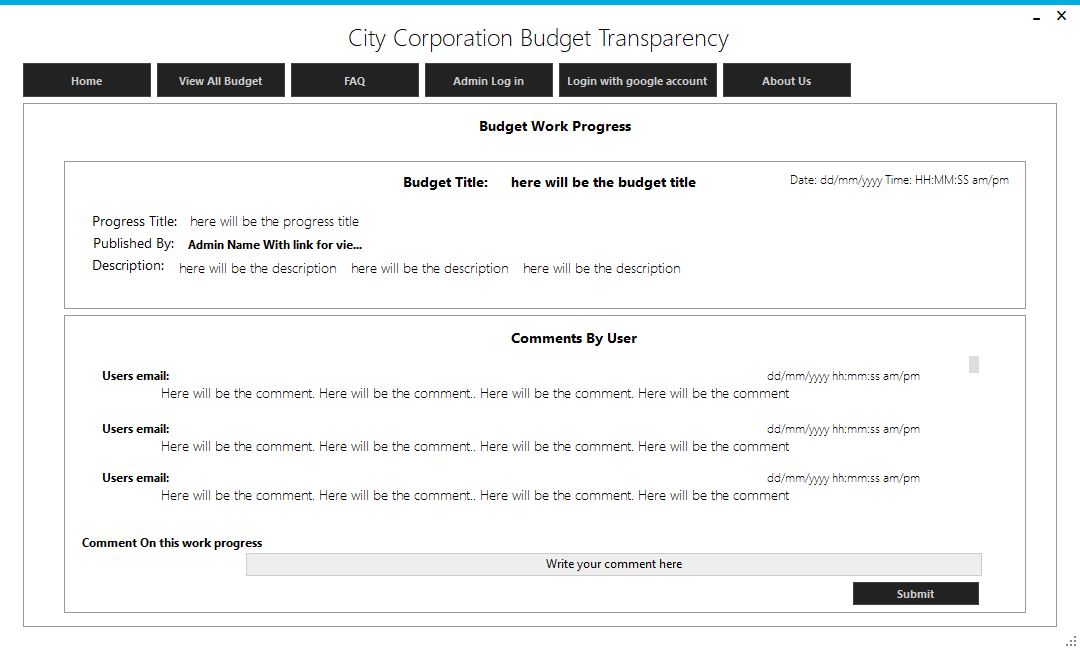
*Fig: Full Information of A budget*

**Add Working Progress of A Budget:**

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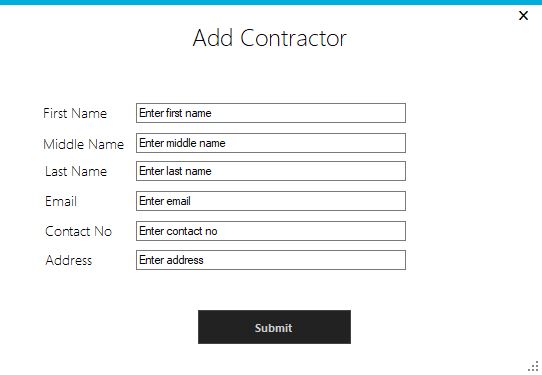
*Fig: Add working progress of a budget*

**View and Comment On Working Progress:**

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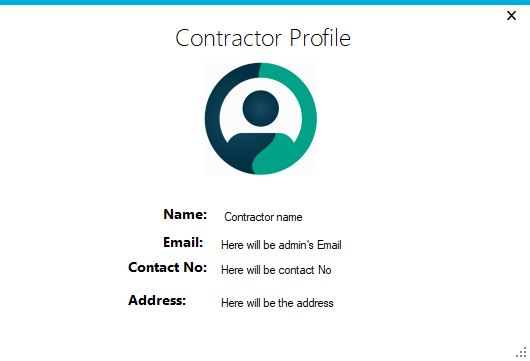
*Fig: View and comment on working progress*

**Create Contractor:**

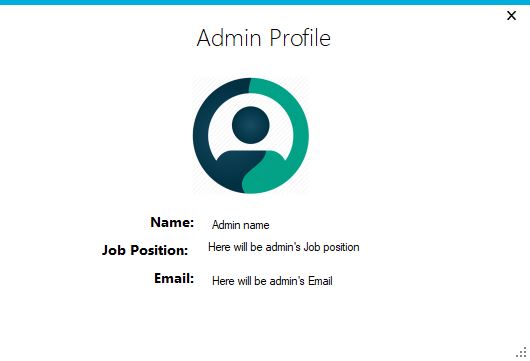
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*Fig: Add or Create Contractor*

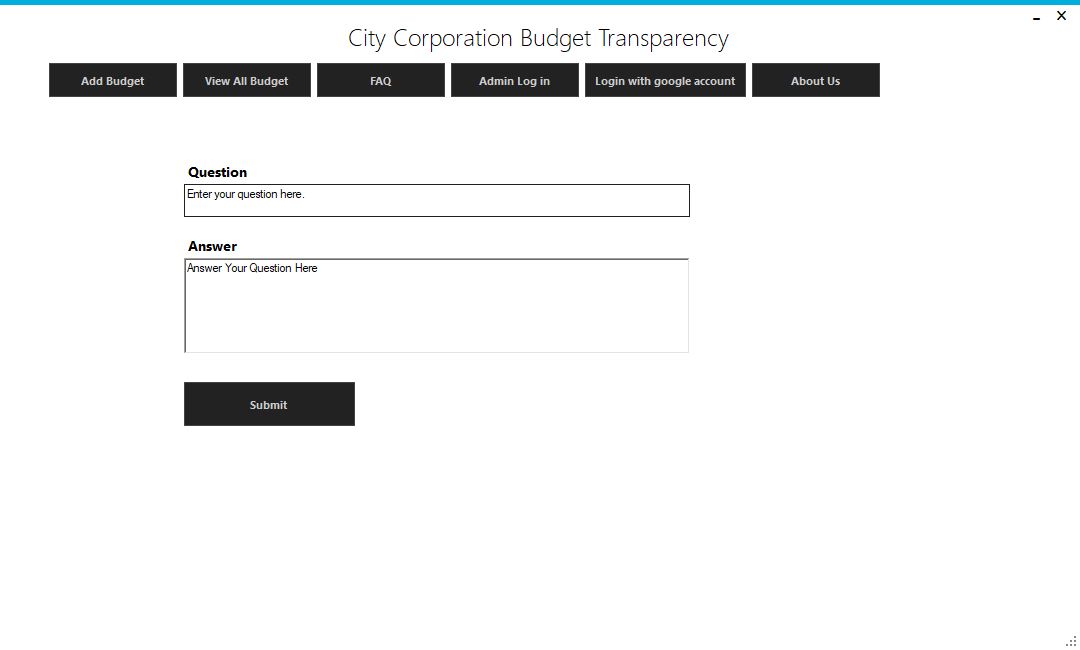
**View Contractor Profile:**

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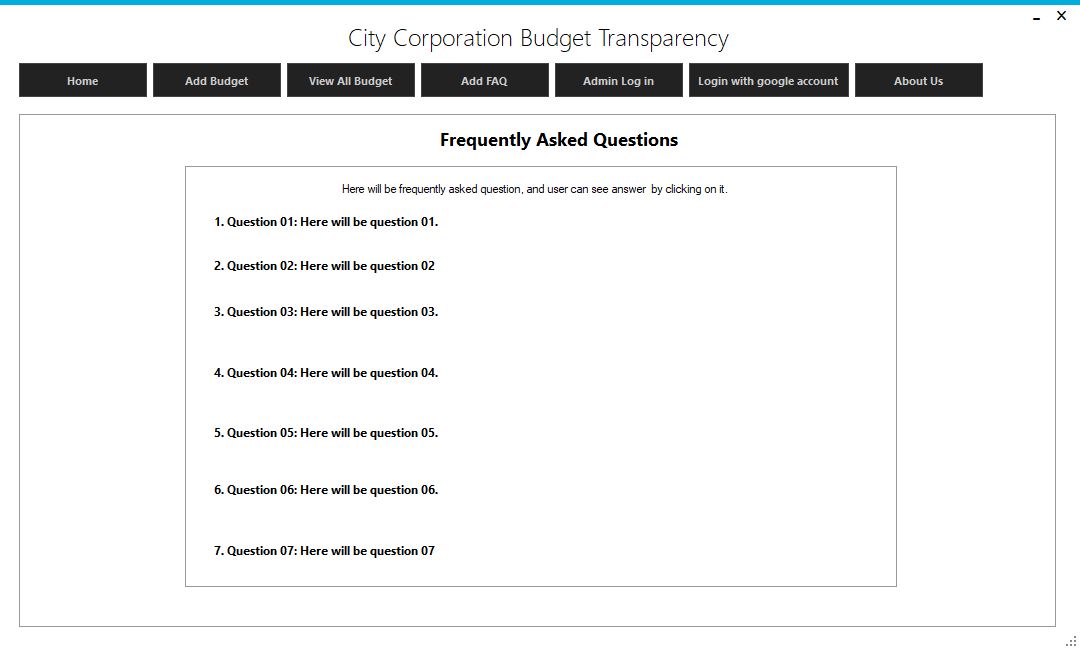
**View Admin Profile:**

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**Add Frequently ask question and answer:**

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**View FAQ List:**

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**Fig: View FAQ list**

**View Answer of a specific FAQ:**

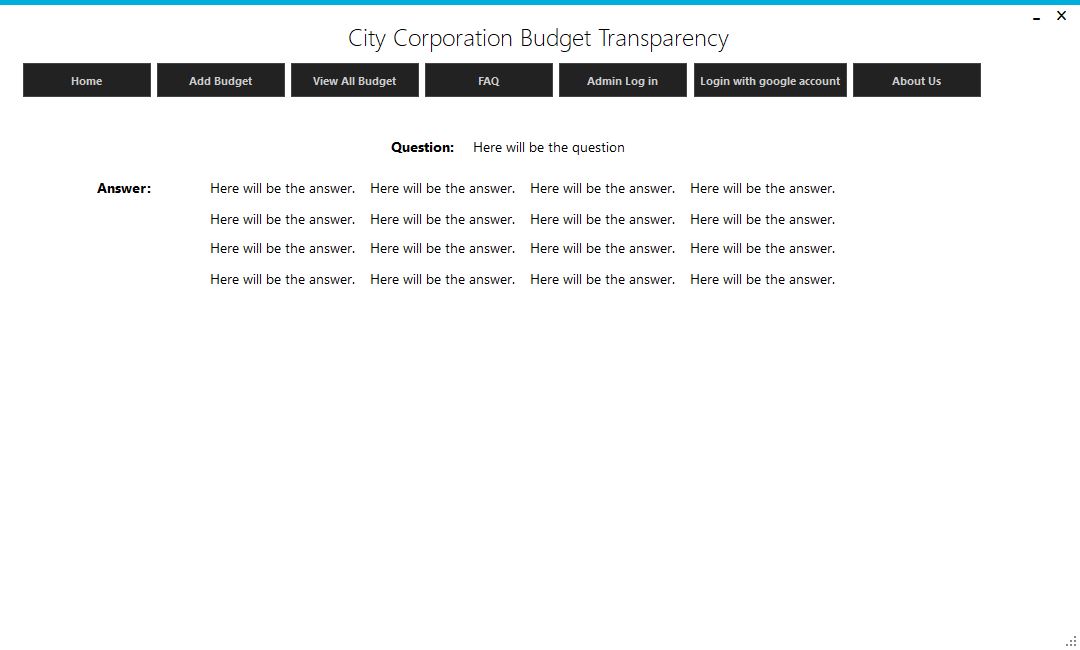
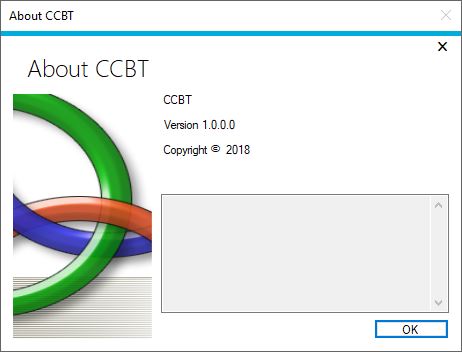
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Fig: View answer of a FAQ

**About Us Page:**

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