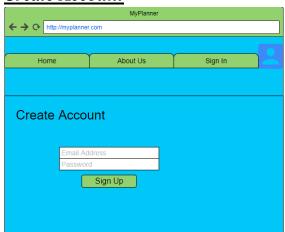**Name:** Abdul Ghiasy

**Title:** MyPlanner

**Project Summary:** A time management application that helps better manage scheduling and increase productivity of users by allowing to add and organize notes, set reminders, and receive notifications. Once completed, this application will allow you to keep track of all responsibilities at any moment, lets you get used to focusing on important activities, and give you a feeling of extreme satisfaction at the end of every week.
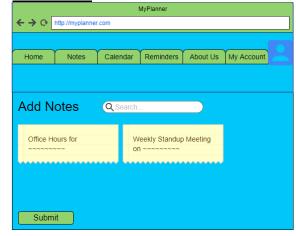
**Project Requirements:**

| ID | Description | Topic Area | Priority |
|---|---|---|---|
| UR-01 | As a *user*, I want to be able to create an account | Authentication | Critical |
| UR-02 | As a *user*, I want to be able to log in | Authentication | Critical |
| UR-03 | As a *user*, I want to be able to add notes | Notetaking System | High |
| UR-04 | As a *user*, I want to be able to view the notes I have created | Notetaking System | Medium |
| UR-05 | As a *user*, I want to be able to add deadlines for assignments and projects | Notification | High |
| UR-06 | As a *user*, I want to be able to set reminders for exam dates and other notable | Notification | High |
| UR-07 | As a *user,* I want to receive alerts or notifications for upcoming deadlines | Notification | High |
| UR-08 | As a *user*, I want to be able to rank my notes in terms of how important they are and priority-wise | Notetaking System | Low |

# UI Mockups:

## *Create Account*

MyPlanner

← → ↻ http://myplanner.com

| Home | About Us | Sign In |
|------|----------|---------|

### Create Account

Email Address
Password

Sign Up

## *Add Notes*

MyPlanner

← → ↻ http://myplanner.com

| Home | Notes | Calendar | Reminders | About Us | My Account |
|------|-------|----------|-----------|----------|------------|

### Add Notes            🔍 Search...

Office Hours for
~~~~~~~~~

Weekly Standup Meeting
on ~~~~~~~~~

Submit

## *Add Deadlines*

MyPlanner

← → ↻ http://myplanner.com

| Home | Notes | Calendar | Reminders | About Us | My Account |
|------|-------|----------|-----------|----------|------------|

### Add Deadlines     🔍 Search...        MM/DD/YY 📅▼

Homework Assignment
Due ~~~~~~

Project Due ~~~~~~~~

◄    January 01, 2018    ►

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
|    | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 |    |    |    |

Submit

## *Receive Notifications/Alerts*

MyPlanner

← → ↻ http://myplanner.com

| Home | Notes | Calendar | Reminders | About Us | My Account |
|------|-------|----------|-----------|----------|------------|

**ATTENTION! You have
homework assignment
~~~~~~ due in ~~~~ days!**

◄    January 01, 2018    ►

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
|    | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 |    |    |    |

Got it!

# Class Diagram:



## Note
- NoteId: Integer
- NoteName: String
- NoteDescription: undefined
- getNoteId(): Integer
- getNoteName(): String
- getNoteDescription(): String
- setNoteId(): void
- setNoteName(): void
- setNoteDescription(): void

## Deadline
- DeadlineId: Integer
- DeadlineName: String
- DeadlineDescription: undefined
- getDeadlineId(): Integer
- getDeadlineName(): String
- getDeadlineDescription(): String
- setDeadlineId(): void
- setDeadlineName(): void
- setDeadlineDescription(): void

1..*   Deadline
Note   1..*

« dependency »   « dependency »

## USER
- userId: Integer
- userEmail: String
- userName: String
- password: String
- getUserId(): Integer
- getUserEmail(): Integer
- getUserName(): Integer
- getPassword(): String
- setUserEmail(): void
- setUserName(): void
- setPassword(): void

*   Action
User   1..*

## Action
- addNotes(): Boolean
- addDeadline(): Boolean
- viewNotes(): Note
- viewDeadline(): Deadline

« dependency »

## Authentication
- checkUserLogin(userName: string, password: string): Boolean
- checkUserPermissions(userName): Boolean