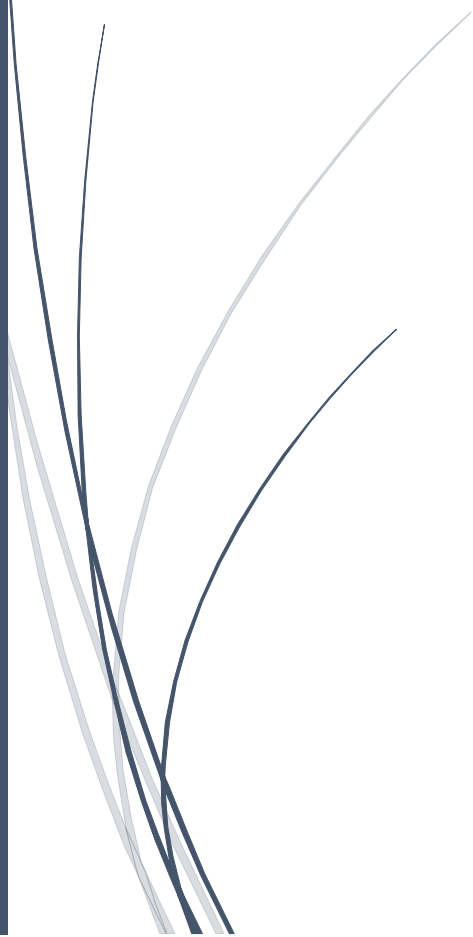# My University Diary

Introduction:

My University Diary is an application that assists students and faculty in keeping record of classes: regular, cancelled or make-up. It also creates ease for admin faculty and teachers to inform students about any announcement.

Personas:

DEMOGRAPHIC PROFILE

Personal Background	Professional Background	User Environment
• Babar Azam Lives in Islamabad. • He is 22 years old. • He is a male. • He is single. • Babar is a student at fast university.	• He is studying in Fast university in fourth semester. • He is currently working as an intern in XYZ organization. • He did his intermediate from F.G. Sir Syed College in 2018.	• Babar lives in a society where all the people are highly educated. • Babar is working as an intern and there he learns a lot from seniors. • Babar is pretty handy with technology, doing software engineering he feels no difficulty in these things.

<table>
<tr><td rowspan="7">

Name: Babar
Age: 22
Gender: Male</td><td colspan="2" align="center">PSYCHOGRAPHICS</td></tr>
<tr><td align="center">Attitude</td><td align="center">Interest</td></tr>
<tr><td>• Babar is annoyed when he has to again and again open the schedule of classes.
• Babar is frustrated when he visits any faculty's office and not find them there.</td><td>• Babar is interested in the system that notifies them of all of the activities of the day.
• Babar is interested in something that generates him a personal timetable for the day.
• Babar is interested in getting all information about the events, seminars going around in university.</td></tr>
<tr><td align="center">Pain point</td><td align="center">Goal</td></tr>
<tr><td>• It is difficult for him to remember his class time.
• It is very annoying for Babar to check if teacher is present during office hours.</td><td>• Babar wants he gets notified for every activity in the day.
• Goal of Babar are to do some extra-curricular activities with his studies.</td></tr>
</table>

DEMOGRAPHIC PROFILE		
Personal Background	**Professional Background**	**User Environment**
• Kelvin Lives in Islamabad. • He is Software Engineer. • He did his Ph.D. in Software Engineering in 2000.	• Kelvin is a teacher at fast university. • He is teaching in fast university for 15 years. • He is Hod of the Software Engineering Department.	• Kelvin lives in a society where all the people are highly educated. • Kelvin's all friends belong to good and educated families. • Kelvin is head of the Department so, if any teacher faces any problem they come to Kelvin and discuss it.

Name: Kelvin
Age: 37
Gender: Male

PSYCHOGRAPHICS	
Attitude	**Interest**
• Kelvin is annoyed when he has to again and again open the schedule of classes. • It is very hectic for Kalvin to arrange any makeup class.	• Kelvin is interested in the system that notifies him of all of the activities of the day. • Kevin is interested in something that generates him a personal timetable for the day.
Pain point	**Goal**
• It is very difficult for Kelvin to remember his class time. • It is very hard for Kelvin to arrange to make up for any missed class.	• Kelvin wants he gets notified for every activity in the day. • Kelvin wants he notify the student if he is not in his office during office hours.

DEMOGRAPHIC PROFILE		
Personal Background	**Professional Background**	**User Environment**
- Asim Lives in Islamabad. - He is an admin officer. - He did his bachelor's in economics in 2000.	- Asim is an ex-teacher. - He is currently managing the admin duties in a university. - He is doing this for 10 years.	- Asim lives in a society where all the people are highly educated, and all his friends belong to good and educated families. - Managing university events and records for 10 years, he is handy with technology.

	PSYCHOGRAPHICS	
	Attitude	**Interest**
Name: Asim **Age:** 35 **Gender:** Male	- Asim is annoyed when inform students of any announcement. - It is very hectic for Asim to organize all data of events going on in university.	- Asim is interested in the system that allows him to organize all data of events. - Asim is interested in something that notifies everyone of class time change or anything else.
	Pain point	**Goal**
	- It is very difficult for Asim to inform students of any announcement. - It is very hard for Asim to arrange to make up for any missed class.	- Asim wants that he can notify everyone of any announcements. - Asim wants that he can easily edit timetable, and everyone gets notified.

Scenarios:

a. Student wants to know his timetable for today.
1. Babar opens "My University Diary" by clicking it.
2. If he is not signed in, he will choose from signup or login by clicking.
3. Then he would enter his credentials and proceed.
4. If these are valid he would be logged in.
5. He would then be displayed with home page.
6. He would choose view timetable option from home screen.
7. He is displayed with timetable for today.

b. Teachers wants to inform students of changes in office hours.
1. Kelvin opens "My University Diary" by clicking it.
2. If he is not signed in, he will choose from signup or login by clicking.
3. Then he would enter his credentials and proceed.
4. If these are valid, he would be logged in.
5. He would then be displayed with home page.
6. He would choose office hour option from home screen.
7. He is displayed with timetable for today.
8. He can turn it off or on by clicking the slider.

c. Admin wants to inform students about new event.
1. Asim opens "My University Diary" by clicking it.
2. If he is not signed in, he will choose from signup or login by clicking.
3. Then he would enter his credentials and proceed.
4. If these are valid, he would be logged in.
5. He would then be displayed with home page.
6. He would choose event option from home screen.
7. He would then choose add event.
8. He would then add title and details of the event.
9. He would then press confirm.

Structured Specification:

Function	Book discussion slot with teacher
Description	A slot for is booked out of available slots if the slot is free in teacher's office hour.
Inputs	Selected timeslot, available timeslots and booked timeslots.
Source	Current from user selection and other from database.
Outputs	Slot would be marked as booked after teacher's approval.
Destination	Teacher's account
Action	When a student opens this tab, he would be displayed with available slots to choose from, if slot is already booked, it will be red, if it is available, it would be blue in color. When student chooses an slot, he would be confirmed and then the request would be sent to teacher to approve or disapprove.
Requires	Available timeslots and booked timeslots.
Pre-condition	User is signed in.
Post-condition	Request would be sent to teacher to either accept this or decline.
Side Effect	None

Function	Add a new event
Description	Admin faculty wants to add a new event data, which would be visible to students.
Inputs	Data about the event, name, date and description.
Source	Admin
Outputs	Structured input
Destination	Events section in student's account.
Action	Admin will press the add new event button. He will then enter all the details about it. Next, he would confirm it. It would be added to the events data in admin as well as student's accounts.
Requires	Details of event.
Pre-condition	User is signed in.
Post-condition	Event would be visible from student's view event menu as well as admin's events section.
Side Effect	None.

Function	Teacher wants to accept or decline students' discussion slot request.
Description	The request that previously students sent to teacher to hold a discussion session has now reached to teacher, now she can either accept them or decline them accordingly and student would receive a reply.
Inputs	Students' discussion slot request
Source	Students' account
Outputs	Approval or Declination of request
Destination	Student's account
Action	Teacher will just click on accept or decline button according to her choice and then confirm it and the results would be sent to student's account and request would be removed from teacher side.
Requires	Student's request.
Pre-condition	Signed-in
Post-condition	Student would get a reply.
Side Effect	None

Tasks:

1. You are required to create an account and then log in to your account as a student, next you have to check office hours of a teacher.
2. Next you are required book a discussion slot with a teacher.
3. Then, you are required to log in as a teacher and then approve or disapprove students request of discussion and then confirm.
4. Next, you have to log out and then log in as student to check if your request is approved or declined.
5. Now log in as admin faculty, next navigate to events tab and try making changes in events screens.
6. Now log in again as student and see if previously made changes were visible to you in events tab.