GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma Engineering Semester-VI

UDP Statement Form

The Student Information

Name of Student (In Capital Letters)	**KANSARA PRATIK BHASVARBHAI**	
	Surname Name Father's Name	
Enrollment No.	**176620307029**	
Contact No.	**Mob:** **8849496596**	**Landline:** -
Email ID	pratik9121kansara@gmail.com	
College Name	**DARSHAN INSTITUTE OF ENGG. & TECH. FOR DIPLOMA STUDIES**	**College Code: 662**
Branch	**COMPUTER ENGINEERING**	**Semester: VI**
Student Team	**Name**	**Enrollment No.**
	1. KANSARA PRATIK BHASVARBHAI	**176620307029**
	2. CHANPARA PRANAV PRAKASHBHAI	**176620307016**
	3. JOSHI VANDIT DIVYESHBHAI	**176620307028**
	4. KATHROTIYA RUTVIK MANISHBHAI	**176620307032**
Student Signature	1.	
	2.	
	3.	
	4.	

GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma Engineering Semester-VI

UDP Statement Form

The Student Information

Name of Student (In Capital Letters)	**CHANPARA PRANAV PRAKASHBHAI**			
	Surname	Name	Father's Name	
Enrollment No.	**176620307016**			
Contact No.	**Mob:**	**9824665321**	**Landline:**	-
Email ID	pranavchanpara007@gmail.com			
College Name	**DARSHAN INSTITUTE OF ENGG. & TECH. FOR DIPLOMA STUDIES**		**College Code: 662**	
Branch	**COMPUTER ENGINEERING**		**Semester :VI**	
Student Team	**Name**		**Enrollment No.**	
	1. CHANPARA PRANAV PRAKASHBHAI		176620307016	
	2. KANSARA PRATIK BHASVARBHAI		176620307029	
	3. JOSHI VANDIT DIVYESHBHAI		176620307028	
	4. KATHROTIYA RUTVIK MANISHBHAI		176620307032	
Student Signature	1. *(signature)*			
	2. *(signature)*			
	3. *(signature)*			
	4. *(signature)*			

GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma Engineering Semester-VI

UDP Statement Form

The Student Information

Name of Student (In Capital Letters)	**JOSHI VANDIT DIVYESHBHAI**		
	Surname Name Father's Name		
Enrollment No.	**176620307028**		
Contact No.	**Mob:** **6351373285**	**Landline:**	**-**
Email ID	joshivandit1934@gmail.com		
College Name	**DARSHAN INSTITUTE OF ENGG. & TECH. FOR DIPLOMA STUDIES**	**College Code:662**	
Branch	**COMPUTER ENGINEERING**	**Semester: VI**	
Student Team	**Name**	**Enrollment No.**	
	1. JOSHI VANDIT DIVYESHBHAI	**176620307028**	
	2. KANSARA PRATIK BHASVARBHAI	**176620307029**	
	3. CHANPARA PRANAV PRAKASHBHAI	**176620307016**	
	4. KATHROTIYA RUTVIK MANISHBHAI	**176620307032**	
Student Signature	1		
	2.		
	3.		
	4.		

GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma Engineering Semester-VI

UDP Statement Form

The Student Information

Name of Student (In Capital Letters)	KATHROTIYA RUTVIK MANISHBHAI	
	Surname Name Father's Name	
Enrollment No.	176620307032	
Contact No.	**Mob:** 8780292801	**Landline:** -
Email ID	rutvikmk99@gmail.com	
College Name	DARSHAN INSTITUTE OF ENGG. & TECH. FOR DIPLOMA STUDIES	**College Code:662**
Branch	COMPUTER ENGINEERING	**Semester: VI**
Student Team	**Name**	**Enrollment No.**
	1. KATHROTIYA RUTVIK MANISHBHAI	176620307032
	2. KANSARA PRATIK BHASVARBHAI	176620307029
	3. CHANPARA PRANAV PRAKASHBHAI	176620307016
	4. JOSHI VANDIT DIVYESHBHAI	176620307028
Student Signature	1.	
	2.	
	3.	
	4.	

GUJARAT
TECHNOLOGICAL UNIVERSITY

स्वर्णिम गुजरात
1980 - 2010

Diploma Engineering Semester-VI

UDP Statement Form

TITLE OF PROJECT
CODE TRAINER

DISCIPLINARY/INTER-DESCIPLINARY	DESCILPLINARY	
ERP	DESCIPLINE	COMPUTER ENGINEERING

Branch: COMPUTER ENGINEERING

Specific Area of Work: WEBSITE (ONLINE CODE TESTING)

Scope of the Work: Within One Discipline: ✓ **Or Interdisciplinary:**

The Problem Abstract:

In the present scenario, the usage of technology is widely increased mainly usage of the internet had reached every home. For eg. if you have to compile java program then we need JDK(Java Development Kit) installed in your system. It is a time taking process. But if you use our website no need to install JDK to your system. Our website allows you to compile source code and execute it online in different languages. Our website will provide online debugging and also allow to run the code in three different languages. Users need to write code in the editor and press the "Run" button to compile and execute it. The user also solves a problem to increase logic by clicking problem-solving.

Detailed Description :

Admin-

The Admin can register and add the task and its various inputs and output. Admin can also See users that register to the website.

- **a_ID**: Id of Admin
- **admin_name:** Name of the admin
- **admin_pass:** Password of admin

Tasks-

The various tasks added by admin are store here. Admin can add, delete, update tasks as needed.

- **t_ID:** ID of a task
- **t_name:** Name of the task
- **t_description:** Description of task
- **t_noOfTestcase:** How many test case to be added
- **t_noOfInput:** How many inputs in one test case
- **t_noOfOutput:** How many outputs in one test case
- **ct_language:** Language of task

InputOutput-

Various input and output added by admin are stored here. It contains inputs and appropriate output.

- **io_ID**: Id of io
- **input**: For input
- **output**: For output
- **t_ID**: Id of task

CompletedTasks-

It stores a task completed by the user. If the user satisfies the test case entered by admin then the task is completed and stored. Admin can see Completed tasks done by the user.

- **ID:** Id of Completed tasks
- **u_ID:** Id of the user
- **t_ID:** Id of task

Users-

The all details of the user are stored here like id, username, password, etc. Admin can see user last login, a user is active as well as user name. Admin can delete a user if needed.

- **u_ID:** Id of the user
- **user_name:** Name of the user
- **user_pass:** Password of a user
- **user_email:** Email of the user
- **user_last_login:** User last login
- **user_joined:** user Joined date
- **is_active :** activation of user inform of (0) for deactivate and (1) for activate

Future Enhancement:

We will add many more languages and make the editor more interactive. We will also make interface of this website user friendly. We are also thinking to add healthy competition of problem solving that improves the logic of programmers.