Emb	El-Judit Il
Embedded SW design (MC)	PAGEDATE
" Task L"	
	1441000 101
Modules :-	
TI Robot	
2 DC - Motor	La riche L
B) LCD	Ilian alaman
(4) Timer	to military it
, ADT	
-> APIs:-	18 for real
TI Robot_init();	and the second second
E) LCD_init();	[15] Timer-Start ();
Brace Apply:	[15] limer-Start ()
BJ DC Motor - mit ();	[6] Timer_is expired();
[9] Timer init ();	0 L13
151 Robot Powerup 11;	
16) DC Motor - Porward ();	111
17) DC-Motor-back();	111 6/2/1
	7
(8) DC-Motor_right();	1.3.31
DC_Motor_left();	
TO DC Motor in Craese Speed	(1);
TIDOC_Motor_decreases spec	d();
[12] Robot Running State	) .
12 Robot Running state ( 13 Robot Rotate Right ();	/9
14 LCD_display_direction	();

Void main ( Void );
S man ( Void )
Robot-init ();
DC Motor-init (DC Motor);
DC Motor-init (DC-Motor2):
DCMotor_init(DC_Motor3);
DC_Motor_init (DC_Motory);
LCD_init();
Timer_init();
1 217 /11
While (1)
- 11 1 1 2 mal 1811
Timer_Start (five_seconds);
While (Timer_expired! = Timer-is-Expired () = )
5
Robot PowerUP();
F + 119449004 +94-8 (5)
Timer-staft ( live - Se Conds );
while (Timer-expired != Timer- is_ Expired);
e the time and the
Robot - Running-State 1) j
7
- (1) - (1)
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January C. January