		Function type	Simple	Average	Con
		Internal Logical File	7		_
		External Interface File	5		+
		External Input	3		
		External Output	4	5	
		External Inquiry	3	4	
		Weightin	 ng Factor		
		Simple	Average	Complex	
Inputs	Member Registration	1			
	Member Login	4			
Outputs	Member login confirmation		2		-
	Member Registration confirmation	1			<u> </u>
Inquiries	Validate member information		2		
	View friends list	1			<u> </u>
Interfaces	Application server to database	3			
	User to application server	3			L.
Total UFP					
	Value	Complexity Weighting Factor			
	Data communications	1			
	Heavily used configuration	0	1		
	Transaction rate	3			
	End-user efficiency	1			
	Complex processing	0			
	Installation ease	0	-		
	Multiplae sites	1	1		
	Performance	0	+		
		1	+		
	Distributed data processing		1		
	Online data entry	5			
	Online updating	0			
	Reusibility	0	1		
	Operational ease	1	1		
	Extensibility	4			
	Total Processing Complexity (PC)	17	1		
Total Adujuste	d Function Points (TUFP) = (0.	.65 + (0.01 * PC)) * Tl	JFP	1	
Total Aduiuste	d Function Points (TUFP) = (0.	.65 + (0.01 * 17)) * 17	= 13.94		
,					
Language Fac	tor (LF) for JavaScript assume	d as = 71.11 (subject	to change)		
		,			
Source Lines of	of Code (SLOC) = TUFP * LF =	: 13.94 * 71.11 = 991.	27		
COCOMO Mod	del (our project is an application program)				
		D 1			
			1		
TDEV	Programmer Productivity	Development Time (Month)			
	Programmer Productivity PM = 2.4 * (KDSI) 1.05	(Month)			
TDEV Application Programs Utility Programs	Programmer Productivity PM = 2.4 * (KDSI) 1.05 PM = 3.0 * (KDSI) 1.12 PM = 3.6 * (KDSI) 1.20				

Using the above formula for the application programs,		
the programmer productivity and the development time are as follows:		
KLOC = 0.991 KLOC		
Effort = 2.4 * (0.991)^1.05 = 2.3 person-month		
Tdev = 2.5 * (2.3)^0.38 = 3.43 month		