	ct size using FPA						
		Function type	Simple	Average	Con		
		Internal Logical File	7				
		External Interface File	5	7			
		External Input	3	4			
		External Output	4	5			
		External Inquiry	3	4			
		Weightin	Weighting Factor				
		Simple	Average	Complex	1		
Inputs	Member Registration	1	- Trenage	Compress			
-inputs	Member Login	4			1		
Outputs	Member login confirmation	-	2				
Outputs	Member Registration confirmation	1			1		
Inquision	Validate member information	1	1 2		\vdash		
Inquiries	View friends list	1	2	+	1		
T46			+		\vdash		
Interfaces	Application server to database	3	+	-	-		
Total UFP	User to application server	3					
	Value	Complexity Weighting Factor	1				
	Data communications	1	1				
	Heavily used configuration	0					
	Transaction rate	3	_				
	End-user efficiency	1	-				
	Complex processing	0					
			_				
	Installation ease	0	-				
	Multiplae sites	1	_				
	Performance	0	_				
	Distributed data processing	1					
	Online data entry	5					
	Online updating	0	_				
	Reusibility	0	_				
	Operational ease	1	+				
	Extensibility	4					
	Total Processing Complexity (PC)	17					
Total Aduir	usted Function Points (TAFP) =	= (0.65 + (0.01 * PC)) * TI	IFP				
-							
Total Aduju	usted Function Points (TAFP) =	(0.65 + (0.01 * 17)) * 17	= 13.94				
l an arrest at	Footon (I F) for love	20 - 20					
Language I	Factor (LF) for Java assumed a	<u> 18 = 38 </u>					
Percentage	e of the programming language	es = 100% Dart					
Source Lin	es of Code (SLOC) = TUFP * L	F = 13.94 * 38 = 529.72					
	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	55 525.72					

TDEV	Programmer Productivity	Development Time (Month)		
Application Programs	PM = 2.4 * (KDSI) 1.05 PM = 3.0 * (KDSI) 1.12	PM = 2.5 * (PM) 0.38 PM = 2.5 * (PM) 0.35		
Utility Programs System Programs	PM = 3.6 * (KDSI) 1.12 PM = 3.6 * (KDSI) 1.20	PM = 2.5 * (PM) 0.35 PM = 2.5 * (PM) 0.32		
Using the above formula	for the application programs,			
the programmer producti	ivity and the development time are as follows:			
KLOC = 0.529	KLOC			
Effort = 2.4 * (0	0.529)^1.05 = 1.22 person-mon	th		
Tdev = 2.5 * (1	.22)^0.38 = 2.69 month			