f) A	input	Scanner
m 🔓	startup()	void
m 🔓	getRoomID()	int
m 🔓	getSpeakerID()	int
m 🔓	getNewTime()	int
m 🔓	getReTalkID()	int
m 🔓	getRequest()	String
m 🔓	getRequest1()	String
m 🦫	getSpeakerUsemame()	String
	getSpeakerPwd1()	String
m 🔓	getSpeakerPwd2()	String
m 🦫	getTalkTitle()	String
m 🦫	getTalkStartTime()	int
m 🦫	informInvalidChoice()	void
m 🔒	messaging()	void
	messaging2()	void
m 🦫	messaging3()	void
m 🦫	messaging4()	void
m 🦫	infoEnteringText()	void
m 🦫	readTalks(String, int, int, String, int)	void
m 🦫	getLineTxt()	String
m 🦫	askForBack()	void
m 🔓	announceReply()	void
m 🔓	display(String)	void
m 🔓	confirmMsqAll()	String
m 🔓	show(String)	void
	message10()	void
m 🔓	message0()	void
m 🔓	message8()	void
m 🔓	message1()	void
	message3(int)	void
m 🔓	message6()	void
m 🔓	message7()	void
m 🔓	message11()	void
	message12(int)	void
_	announceMsg()	void
	getRoomName()	String
	message13(int)	void
	readAllRooms(int, String, HashMap <integer, integer="">)</integer,>	void
	printHashMap(HashMap <integer, integer="">)</integer,>	void
_	message14()	void
m 🔒	message15()	void
m 強	message16()	void
m 強	message17()	void
	message18()	void
_	message19()	void
_	readSpeakers(String, int, ArrayList <integer>)</integer>	void
	errorMessage()	void

© %	AttendeeUI	
F a	attendeescanner S	canner
m 🚡	startup()	void
m 🚡	getrequest()	String
m 🚡	getrequest1()	String
m 🚡	getrequest2()	String
m 🚡	getrequest3()	String
m 🚡	informinvalidchoice(void
m 🚡	signUpTalk()	void
m 🚡	signUpSuc()	void
m 🚡	cancelTalk()	void
m 🚡	cancelSuc()	void
m 🚡	msgSelect()	void
m 🚡	show(String)	void
m 🚡	informEnteringText()	void
m 🚡	getLineTxt()	String
m 🚡	messagesend()	void
m 🚡	askForBack()	void
m 🚡	getrequest(int)	String
m 🚡	announcereply()	void
m 🔓	announcemsg()	void

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f A	speakerscanner 5	Scanner
m 🔓	startup()	void
m 🔓	getrequest(int)	String
m %	informinvalidchoice) void
m %	messaging()	void
m 1	informEnteringText() void
m 🔓	getLineTxt()	String
m 🦫	getrequest2()	String
m 🔓	messagesend()	void
m 🔓	noattendees()	void
m 🔓	stopmessaging()	void
m 🔓	show(String)	void
m %	announcereply()	void
m 🔓	announcemsg()	void
m 🔓	askForBack()	void
m 🦫	confirmMsgAll()	String

⊚ኈ SignUpUI	
f ∈ scannerSignUp	Scanner
m = startup()	void
	oice() void
	name() void
	ername() void
	sNotMatch() void
m 🚡 finishSignUp()	void
m	e() String
m = requestUsernam	ne() String
m 🕯 requestPasswor	d() String
m = confirmPasswor	d() String

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	© in	SignInUI	
	(F) (a)	scannerLogin S	canner
	m 🚡	startup()	void
i	m 🚡	requestUsername()	String
	m 🚡	requestPassword()	String
	m 🚡	informAccountNotExist() void
	m 🚡	informLoginFailed()	void

C %	StartUI	
f a	scannerStart	Scanner
m 🦫	startup()	void
m 🔓	informInvalidInput()	void
m 🔓	informQuiting()	void
m 🚡	requestModeSelection()	String