

CS221 Group 3 project progress

Requirement	Functions	Code	Progress
<i>FR1 Startup of software on Android device</i>	NewRecord void addRecordPressed()	<pre>record = new SpeciesRecord(); getSpecies(); getDAFOR(); getTypicalLocation(); getInfo();</pre>	100% Able to start a new recording
<i>FR2 Providing information about the visit</i>	UserDataView String getEnteredPhoneNumber()	<pre>String phone = ""; try { EditText et = (EditText) findViewById(R.id.phone); phone = et.getText().toString(); } catch (Exception e) { // failed to get the name string Toast.makeText(getApplicationContext(), "Please enter a phone number", Toast.LENGTH_SHORT).show(); } return phone;</pre>	60% Missing Date and Time information collection
	UserDataView String getEnteredName()	<pre>String name = ""; try { EditText et = (EditText) findViewById(R.id.name); name = et.getText().toString(); } catch (Exception e) { // failed to get the name string Toast.makeText(getApplicationContext(), "Please enter a name", Toast.LENGTH_SHORT).show(); } return name;</pre>	

	UserDataView String getEnteredEmail()	<pre> String email = ""; try { EditText et = (EditText) findViewById(R.id.email); email = et.getText().toString(); } catch (Exception e) { // failed to get the name string Toast.makeText(getApplicationContext(), "Please enter a valid email address", Toast.LENGTH_SHORT).show(); } return email; </pre>	
	UserDataView void pressButton()	<pre> String n = getEnteredName(); String ph = getEnteredPhoneNumber(); String e = getEnteredEmail(); Editor editor = sharedPreferences.edit(); editor.putString(Name, n); editor.putString(Phone, ph); editor.putString(Email, e); editor.commit(); </pre>	
<i>FR3 Adding a species to the recording</i>			10% Still finding a solution to show the list of species
<i>FR4 Adding species details</i>	NewRecord void getSpecies()	<pre> et = (EditText) findViewById(R.id.speciesName); record.setSpeciesName(et.getText().toString()); </pre>	50% GPS not complete Photo function not tested

	SpeciesRecord File getSpeciesImage()	return speciesImage;	
	SpeciesRecord String getTypLocation()	return typLocation;	
	NewRecord void getDAFOR()	Spinner spinner = (Spinner) findViewById(R.id.dafor_spinner); record.setDafor(spinner.getSelectedItem().toString().charAt(0));	
	NewRecord void getTypicalLocation()	et = (EditText) findViewById(R.id.typLocation); record.setComments(et.getText().toString());	
	NewRecord void getInfo()	et = (EditText) findViewById(R.id.info); record.setComments(et.getText().toString());	
	NewRecord void getGalleryImage(String type)	Intent intent = new Intent(Intent.ACTION_PICK, android.provider.MediaStore.Images.Media.EXTERNAL_CONTENT_URI); startActivityForResult(intent, 2);	
	NewRecord void getCameraPhoto(String type)	Intent intent = new Intent(MediaStore.ACTION_IMAGE_CAPTURE); File f = new File(android.os.Environment.getExternalStorageDirectory(), "temp.jpg"); intent.putExtra(MediaStore.EXTRA_OUTPUT, Uri.fromFile(f)); startActivityForResult(intent, 1);	

	SpeciesRecord public String getSpeciesName()	return speciesName;	
	SpeciesRecord File getLocationImage()	return locationImage;	
	SpeciesRecord getComments()	return comments;	
	SpeciesRecord getDafor()	return dafor;	
FR5 Editing the recording	SpeciesRecord setDafor(char dafor)	this.dafor = dafor;	33% Missing: deletion of the whole recording deletion of the record for one species
	SpeciesRecord void setComments(String comments)	this.comments = comments;	
	SpeciesRecord public void setSpeciesName(String speciesName)	this.speciesName = speciesName;	

	SpeciesRecord void setTypLocation(String typLocation)	this.typLocation = typLocation;	
	SpeciesRecord void setLocationImage(File locationImage)	this.locationImage = locationImage;	
	SpeciesRecord void setSpeciesImage(File speciesImage)	this.speciesImage = speciesImage;	
FR6 sending record to server	/	/	55% We tested connection between the data base and the app but have not implement to it yet
FR7 Receiving recordings on the server	/	/	40% The sending part is not yet complete so do the receiving part
FR8 <i>Addition and maintenance of reserves data</i>	/	/	95%
FR9 <i>Browsing species records</i>	/	/	80% Missing location OS grid reference

Document History

Version	Date	Changes made	Changed by
1.0	21/01/15	First version created	yta
1.1	23/01/15	Added web progress	yta