JUSTIFICATION OF REQUESTED AMOUNTS:
Justify the annual amounts requested for each of the items above.

JUSTIFICATION OF THESES STUDENTS/DOCTORAL STUDENTS:
Clearly specify if this proposal intends to fund theses students/Doctoral students. For theses students, include the names of prospective candidates, possible topics and degree objective. For Doctoral students, indicate the name of the program.

Students working in their final thesis will be a key factor to develop this work, especially in the aspects concerning the development of program code for the communication middleware, the interface development library and the applications. For the the first year and the first half of the second and part of the second year we will have one student dedicated to the development of the communication middleware (Gabriel Peña) and another to the development of the interface gesture (Dusan Djuretic), both of the “Ingeniería Civil en Computación” program, who will be doing their final thesis by then.

From the second year we will have two students working in the development of the applications, and during the third year we will have one working on the applications and the other on the testing. At this stage it is difficult to give names for students working in the project during the second and third years.

This means, we will have constantly 2 students working at the same time in during the whole project.
PROPOSAL TRAVEL:
Funding may be requested for activities directly related to the proposal development and dissemination of results.

JUSTIFICATION OF FOREIGN TRAVEL:
All trips abroad require a clear justification. Indicate tentative destinations, number of days and amounts for each trip. Estimate annual international travel fares and per diem expenses. Remember that only coach fares are acceptable. Please read the Application Instructions.

Justification (for each year):

The trips abroad financed by the project will be exclusively to assist to conferences which are of interest to the project. Some of them are CRIWG, CSCL, ICALT and CSCW. The proponent asks for the financing of one conference per year in Europe. The cost of the air ticket is about 2000 USD including taxes and insurances. The daily expenses are about 250 USD per day. We consider a stay of 6 days. This makes a total of 3500 dollars. Currently the dollar rate is about 510 pesos for one dollar which makes a total of 1,785,000 pesos. Since the tendency of the dollar price is to the rise, which is also true for the air ticket (due to the oil prices) we consider a total of 1,800,000 for the first year and an increment of 6% in prices for the next years. This makes 1,908,000 for the second and 2,021,000 for the third years.
JUSTIFICATION OF INTERNATIONAL COOPERATION FOREIGN TRAVEL ITEM:
Please justify your request for international cooperation activities funding. Explain why the visit of a researcher residing abroad will benefit achievement of your proposal goals. Remember that only coach fares are acceptable. Please read the Application Instructions. Justification (for each year):

We already mentioned that in this project the collaborative work with foreign researchers will be very important to complement the expertise of the local team. We intend to invite at least one professor each year either from Europe or North America (US and Canada). The intended length of each stay ranges from a minimum of one week to a maximum of three. In most cases, the amount of money we request is for partly financing the costs of air ticket and the stay expenses.
JUSTIFICATION OF OPERATIONAL EXPENSES:
Specify and justify, for each proposal year the amounts requested, if applicable, for the following items: computing-related items, reagents and other laboratory non-durable materials, field trip related expenses (vehicle rental, shipping charges, gasoline, lubricants, highway tolls), books purchases, scientific journals and subscription fees (all of which must be registered with the performing unit), scientific meetings registration fees, payments for services, hiring of occasional auxiliary personnel, publishing costs of proposal-derived papers on ISI-indexed journals or equivalent depending on the nature of the field.

The amount of money requested for operational expenses in the year 2009 is the following:

- Computer supplies including printer paper, printer toner, pen drives, CDs, etc.: 430,000
- Conference registration at about 600 USD each. We intend to visit three conferences which makes a total of 1,800 dollars or rounding 920,000 pesos
- Books: 150,000 pesos

This makes a total for the year 2009 of 1,500,000 pesos

Applying an inflation rate of 6% for each year we have 1,590,000 for the year 2010 and 1,685,000 pesos for the year 2011.
EQUIPMENT JUSTIFICATION:
Each piece of equipment requested must be clearly justified considering the proposal goals and intended work plan. Purchase of furniture or upgrading of physical spaces for the proper execution of the project is allowed. The amount(s) specified must include transportation, insurance and applicable import taxes costs. Non-durable, expendable items, must be included under Operational Expenses. Include, if deemed relevant, one quotation/proforma invoice. **No equipment purchase is allowed during the last execution year.**

Since the Department and the Faculty have enough electronic boards we do no need to buy any one. A Tablet PC is not available and is important to the project since it represents the middle size touch screen device we are going to use in the project. This is the device that is going to be used by teachers and students inside the classroom or at home. Mobile devices are intended to be used by students primarily outside the classroom but also inside for taking out the data or performing collaborative learning activities in which mobility is needed. We want to explore the possibilities, compatibilities and differences of the two different families of mobile platforms that are now on the market. Therefore we would like to acquire PDAs, representing the traditional approach to mobile devices (a mobile computer with connection to networks) and the Pocket PC iPAQ which represents the newer approach (a phone with extended computing functionalities).