**Company name**: Fish Logic  
**School name**: Macau Anglican College  
**Country**: Macau SAR  
**Distance required to travel to Kingsport**: 13259 km  
**Company history**: Returning company, forth year of participation  
**Range of grade**: Grade 8 - Year 3  
**Mentor**: Mr Andy Tsui

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**Members**  
<table>
<thead>
<tr>
<th>Name</th>
<th>Years of Joining</th>
<th>Roles</th>
<th>Work Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gavin Chan</td>
<td>4</td>
<td>CEO, CTO</td>
<td>1000</td>
</tr>
<tr>
<td>Cerys Chan</td>
<td>5</td>
<td>CFO, Safety Officer</td>
<td>600</td>
</tr>
<tr>
<td>Joshua Ho</td>
<td>3</td>
<td>Electrical Engineer</td>
<td>300</td>
</tr>
<tr>
<td>Yorky Sin</td>
<td>3</td>
<td>Pilot</td>
<td>300</td>
</tr>
<tr>
<td>Ada Leong</td>
<td>2</td>
<td>Mechanical Engineer</td>
<td>500</td>
</tr>
<tr>
<td>Isaac Sin</td>
<td>2</td>
<td>Mechanical &amp; Electrical Engineer</td>
<td>700</td>
</tr>
<tr>
<td>Ryan Chan</td>
<td>2</td>
<td>Mechanical Head</td>
<td>500</td>
</tr>
<tr>
<td>Thomas Lei</td>
<td>2</td>
<td>Mechanical Engineer</td>
<td>400</td>
</tr>
<tr>
<td>Ricky Vu</td>
<td>2</td>
<td>Electrical Engineer</td>
<td>300</td>
</tr>
<tr>
<td>Myles Ng</td>
<td>2</td>
<td>Programmer</td>
<td>300</td>
</tr>
<tr>
<td>Bono Lam</td>
<td>2</td>
<td>Electrical Engineer</td>
<td>150</td>
</tr>
<tr>
<td>Nathan Wong</td>
<td>2</td>
<td>Mechanical Engineer</td>
<td>120</td>
</tr>
</tbody>
</table>

**Total Work Hours**: 5170

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**Cost Breakdown**

**HKD 25, 490.00**

**Expense Breakdown**

- **Electronics**: 33%  
- **Travel**: 26%  
- **Hardware**: 41%  

**Source of Parts**

- **Purchased**: 95%  
- **Parts Donated**: 3%  
- **Re-used**: 2%

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**Safety Features**

- Black and yellow hazard labels  
- Light  
- Thruster Shrouds  
- No sharp edges  
- Handle  
- Fast Blown Fuse  
- Kill Switch  
- Notification LED

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**Special Features**

- Hot swapped manipulators  
- Extremely modular  
- Flexible configuration  
- Front and rear interchangeable

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**DIMENSIONS**

- **Width**: 426mm  
- **Height**: 500mm  
- **Depth**: 475mm  
- **Weight**: 9.5KG

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**Fish Logic**

**Macau Anglican College**

**Macau SAR**

**13259 km**

**Returning company, forth year of participation**

**Grade 8 - Year 3**

**Mr Andy Tsui**

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**Work Hours**

- 1000  
- 600  
- 300  
- 300  
- 500  
- 500  
- 400  
- 300  
- 300  
- 150  
- 120